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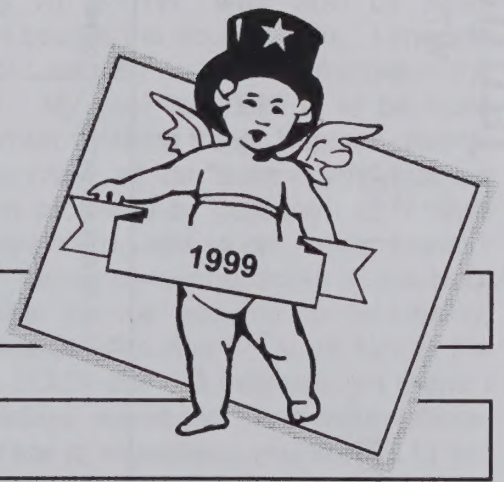
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COMING EVENTS



JAN 2 - Pinochle Potluck, 7 PM, Clubhouse

JAN 6 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

JAN 9-10 - Weekend Tech. Class - Info page 4

JAN 12 - License Exams - 7 PM - Clubhouse

JAN 13 - Club Meeting - Library Administration Center, 7:30 PM
Program: DXpedition to the Kermadec Islands (video)

JAN 15 - BARK deadline

JAN 27 - Club Meeting- Library Administration Center, 7:30 PM
Program: ICOM shows its latest equipment

Support OUR club - Attend meetings, volunteer, elmer.

Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events. Contest calendar - page 5. See page 3 for meeting program schedule.

HAPPY NEW YEAR!

January 1999

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 ARRL STRAIGHT KEY NITE FULL MOON HAPPY NEW YEAR	2 9:00 AM OPEN HOUSE 7:00 PM PINOCHLE POTLUCK *CLARENCE W7FAB *DAN KC7IEI *JOHN N6FUS ARRL RTTY ROUNDUP
3 ARRL RTTY ROUNDUP LET IT SNOW LET IT SNOW	4 *JULIAN W7DXI	5 7:30 PM RCT NET 147.28	6 7:30 PM RCT BOARD MTG	7 *STEPHEN KC7KAQ	8 *LOIS KC7SYU	9 9:00 AM OPEN HOUSE *DONALD K7LMN
10 *DEANNA N7WHC LET IT SNOW LET IT SNOW	11	12 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28 *AL KA7CZB *JOHN KC7MKK	13 RCT MEETING 112TH ST E & WALLER RD	14 *CHARLES WB7WOU *EDWIN KA7HZH *NEDA KC7UKL *RAY W7KFN	15 BARK DEADLINE	16 9:00 AM OPEN HOUSE
17 *GEORGE NL7IA *JOHN W7ZMZ *MARV KG7V *WILLARD WA9RMK NEW MOON	18 MARTIN LUTHER KING DAY	19 7:00 PM MVWS VE EXAMS 7:30 PM RCT NET 147.28	20	21	22 *LOUIS W7ENR *PETER KK7QW ARRL VHF SWEEPSTAKES 1/22-24	23 9:00 AM OPEN HOUSE *BOB AB7TW *DAVID KD7CIR *GENE K7DVM *JEAN WA7OII *PRASAD N7RGL
24 ARRL VHF SWEEPSTAKES 1/22-24	25 12:00 PM LADIES PINOCHLE *DON W7DON	26 7:30 PM RCT NET 147.28	27 *BRUCE KA7LYC *ELIZABETH KC7VEO RCT MEETING 112TH ST E & WALLER RD	28 *BOB W7SKI	29 *KIRK KC7UFY	30 9:00 AM OPEN HOUSE *CASEY KC7IBT
31 *LES WB7QCI FULL MOON						

December 1998

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

February 1999

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

VOL. XXXVI NR. 1 | W7DK | JANUARY 1999

FROM THE PRESIDENT



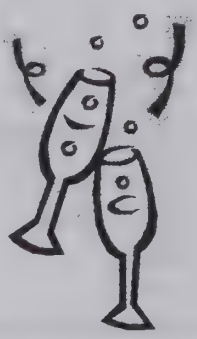
WA7ANJ

Had a wonderful Christmas Potluck! One of those get-togethers that should occur more often! By asking members to bring their "favorite dish, with a little to share", there was a wide variety, and adequate amounts, of everything. I was amazed that everybody brought something different - with essentially NO duplicates! The turkey was donated, for which we can thank Nora, KC7JME, and the kitchen was staffed by two gentlemen and one hooligan. The youngsters each received a little gift, a couple of guys - Al, KC7YGC, and Pete, KK7QW (formerly KC7TSY), shared the Doc Spike Award, and I believe everyone enjoyed the chance to just sit and talk with other members and guests.

The general meeting on December 9 was well-attended, and Jerry, W7BUN, presented a very interesting "class" on antennas, tuners, and grounding. Jerry is definitely "up" on his subject, and an excellent "teacher"! A lot of the material is "new", in that it "updates" a lot of teachings of days gone by. I think we could have had a test, and most of the folks would have passed. There were TWO drawings - one for a tin of cookies, contributed by Tom, N7QHX, and Shirley, N7QHW. (I won that one, and they were mmm mmm good!) The cellular phone, contributed by Al, K7HW, was won by Alan, KB7SVU - but I bought the ticket for him. I shoulda played the lotto! Last year saw some changes in the club, as usual. My goal for 1999 is to be more RESULT - oriented. Making things happen - events - activities - you know, all the "buzz words" that are supposed to be proffered by politicos. BUT, I/we want to go where YOU want to go. More events? More training? More operational hours at the clubhouse? An "after license" seminar for new hams, answering "What do I do now?" More fun at the meetings? It's YOUR call - I'll help you get there! I hope your Holidays exceeded your expectations, and the New Year is everything you want it to be! Have FUN with Ham Radio! 73, Roger

IN THIS ISSUE...

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- ▶LETTER FROM DIRECTOR - Page 11
- ▶ RCT RESPONSE TO FCC - Page 12



Happy New Year!

RADIO CLUB OF TACOMA – 1998

PRESIDENT	ROGER TERWILLIGER	WA7ANJ	475-4293
V PRESIDENT	ALAN HUGHES	KB7SVU	840-4947
SECRETARY	NORA SIMMONS	KC7JME	847-5124
TREASURER	CHUCK SOUTER	KA7HJN	863-2650
BOARD (5)	DAVID DODD	WB7AUJ	584-3620
	WORTH GURLEY	W7WG	582-3844
	MOREL GUYOT	W6LIX	838-5433
	GEORGE NOBLE	KK7FM	756-1127
	ED ROOT	KC7OKS	851-7463
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PROOFREADERS			
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PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma
147.28 / .88 MHz 144.97 - Packet
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Gil B Brown, KD7CZK RCT # 2024
16506 97TH Avenue Ct E
Puyallup WA 98375-9680 253-770-2958

Chris Devine, KD7CZL RCT # 2025
1521 S Highland Ave
Tacoma WA 98465-2209 Phone unlisted
cdev@sttl.uswest.net

Gerald R Julian, KD7CZN RCT # 2026
4417 Clar Mar Ln
Olympia WA 98501-4711 360-943-7009

Arlene Manson, No Call RCT # 2027
5629 S Pine St
Tacoma, WA 98409-6215 253-474-8883

Donald R Peterson, KD7DON RCT # 2028
9819 Lake Steilacoom Dr SW
Lakewood, WA 98498-5712 Page 253-552-5315
pete397@ibm.net

Dave Trotter, KD7DOL RCT # 2029
15514 92nd Ave E
Puyallup, WA 98375-2100 253-445-8888

Reinstatements

Address/Phone Changes/Corrections

KRoss Cunningham, KC7UFM
25711 Orting Kapowsin Hwy E
Graham, WA 98338-8626 360-893-6942

E-Mail Address Changes/Additions

Glenn E (Bud) Graves, KC7IBV sgravesmg@juno.com

New Calls/Upgrades

Mick Pier was KC7TVM, now KK7QS, Advanced
Peter David was KC7TSY, now KK7QW, Advanced
Norm Hoppe was KC7DCN and is now K7DCN

Silent Keys

Brad Wells, N7SV (was KR7L) joined in 1986



COMING PROGRAMS AT RCT

JANUARY 13 - VIDEO - DXPEDITION TO THE KERMADEC ISLANDS

In 1996, Ken Holdom, ZL2HU, from New Zealand, operated as ZL8RI from Raoul Island in the Kermadec Island group, a 7,200 acre volcanic island 600 miles NE of New Zealand. With no shelter or safe anchorage and high sea swells, landing was a very hazardous operation. Ken will be returning to Raoul Island this month and plans to be on the air by January 6 or 7.

JANUARY 27 - ICOM SHOWS ITS LATEST EQUIPMENT

Rick Felt, from ICOM America, Inc., in Bellevue, will show the latest ICOM ham equipment, HF and VHF. He will describe the newest features and tell us what future advances in technology we can expect. (PROGRAM CHAIRMAN'S NOTE: We plan to have Kenwood and Yaesu ham equipment featured later this year.)

NEW DUES STRUCTURE

Effective January 1, 1999, the dues structure will be as follows:

FULL	$30.00
FAMILY	$15.00

for the first two family members. Any more than the first two are at no additional charge.

SENIOR	$25.00
ASSOCIATE	$30.00
STUDENT	one half of Full rate
LIFE	20 times your current rate of dues

Shirley, N7QHW, Treasurer, Radio Club of Tacoma

TIME TO UPGRADE?

EXTRA CLASS WORKSHOP

Want to get that extra class theory under your belt? Jerry's workshop can help you do it with a minimum of pain. Call Jerry, W7BUN, at 253-845-7652. He is looking for **2 more** interested advanced class hams to make the January workshop viable.

CALL TODAY!!!

Your Ad Could Be Here!

Call, Shirley, N7QHW at (253)265-3661 for info.

PINOCHLE

at the Clubhouse
1249 So. Washington
1st Saturday, January 2nd
Pinochle & Potluck - 7pm
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898

ARES/RACES



There is not a heck of a lot going on at this time of the year except for the emergency happenings that occur. Those of you signed up or just plain interested in helping with the flood activities have the greatest potential for being called upon at this time. If you are interested and have not signed up, simply contact the person(s) at the end of this article.

I would like to take this opportunity to thank each of you that has helped out for activities, keeping the club gear(generator) ready, willing and able. It couldn't be done without you.

THANK YOU, THANK YOU, AND ONCE MORE THANK YOU!!

Please remember to volunteer come March for the beginning of many Public Service Events that occur throughout the spring, Just contact Stan Warburton, N7KMF, or Nana Warburton, N7OIX, at 253-845-9023. They really need your help, so please considering participating in at least one event each year.

There are other leadership positions and a hospital leadership position still available. If you can help with any of the leadership positions, contact Alan, KB7SVU, at 253-840-4947 or Bob Tilley, KB7NBQ, at 253-875-0755.



N7QHW

For those of you who already have a card, remember, check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Alan or Shirley (info at the end of the article).

If you have not joined ARES/RACES and would like to, contact Alan, KB7SVU, ARES Emergency Coordinator and RACES Radio Officer at 253-840-4947 or see Shirley, N7QHW, at any Radio Club of Tacoma meeting for an application.

73 and a Very Happy New Year! Shirley, N7QHW

First Novice Class A Success

Our first NOVICE class was a success. We only had 5 students, but the results were good. Matthew Hofmann (age 9) and his dad passed their novice exams on Friday the 14th of November. Their calls KD7DGZ (Matthew) and KD7DHA (George) were in the FCC database on the 19th. Yes that is 5 days. Thank you Shirley and your volunteers for taking the time to test such a small group. Carrie Vaughn passed her Novice written exam and when she can get time off from work will be attending our Technician week-end course.

The other two students had to make a choice between the last class and a swim meet. The swim meet won out. If I had been here to tutor them (my daughters) instead of in the Philippines, I think they could have made it too.

I think the concept of tackling the Novice license by itself is a sound one. We will do it again if we can get enough young people signed up. It is though to find a 'good' time to work in four Saturdays. Youngsters today have so many activities to choose from.

I have to go to the Philippines again for about a month. If you know of anyone that would like to participate in the Novice Class, have them contact Al, K7HW (253-474-9023) or Roger, WA7ANJ (253-475-4293).

WEEKEND TECH CLASS

We had a week-end no-code technician class the 5th and 6th of December. Of the ten students, eight pass their Novice and Technician exams at the RCT regular monthly testing session on December the 8th. If you hear them on the air, please welcome them to ham radio. They are: Dave Trotter - KD7DOL, Tara Sienkndcht - KD7DOM, Don Peterson - KD7DON (How lucky can you get), Tristt Palmer - KD7DOP, Marie Irvin - KD7DOQ, Don Irvin - KD7DOR, David Farnell - KD7DOS and George Adams - KD7DOT. Given a little more time to study, I think the other two individuals will pass their exams too.

The next technician class is January 9th and 10th. We need you help in recruiting. Ask a friend or co-worker to join the fun of ham radio.

As a board member, I am going to suggest that we become more goal oriented. For 1999, I would like to see the Radio Club of Tacoma help 100 individuals get their first license and twenty-five up-grade at least one license class.

Would you like to teach? Give me a call.

73, David, WB7AUJ

Radio Club of Tacoma License Exams

JANUARY 12, 1999

7 PM RCT Clubhouse

1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: RCT for $6.25. For information call: Shirley, N7QHW @ 253-265-3661

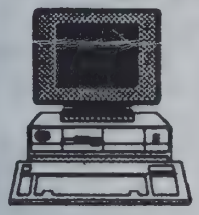
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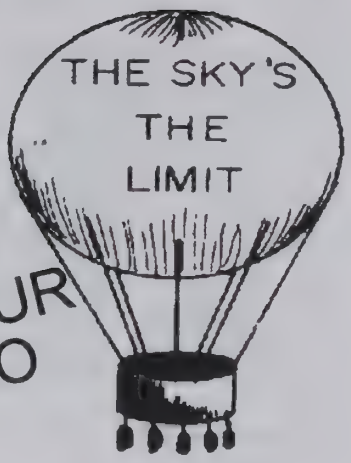
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Bremerton, WA 98311
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E-mail: 2ndbyte@kendaco.telebyte.com

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SIZES Small through XL ARE $36, XXL ARE $40 AND XXXL ARE $43.00.
GET ONE NOW!
Call Shirley, N7QHW, at 253-265-3661, to order yours today!

CONTESTS



WITH AMATEUR RADIO

1

ARRL Straight Key Night

2-3

ARRL RTTY Roundup

9-10

Hunting Lions in the Air Contest, sponsored by the International Association of Lions Clubs

North American QSO Party, CW

15-17

North American QSO Party, phone.

22-24

ARRL January VHF Sweepstakes.

30-31

CQ WW 160-Meter DX Contest, CW

YL International QSO Party, CW
ARRL 10-Meter Contest

Want more info, check **www.arrl.org/contests**



AMATEUR RADIO
Friendships around the world!

MINUTES

Radio Club Of Tacoma
Board Meeting Minutes
2 December 1998

The meeting was called to order at 7:30 PM by the President, Roger Terwilliger, WA7ANJ. Other board members present were Al, K7HW, Morel, W6LIX, Lou, KB7WDB, Alan, KB7SVU, Shirley, N7QHW, and Nora, KC7JME. Guests present were Mac Parks, W6NBD, Worth Gurley, W7WG, Tom Murphy, N7QHX, George Noble, KK7FM, Al Churchill, KC7YGC, Jerry Seligman, W7BUN, Danny Hermosillo, W7TEL, and David Dodd, WB7AUJ.

Treasurer's Report

General	$796.86
Flea Market	3,500.00
WMFS Funds	7,627.50
Scholarship Memorial CD	2,982.50
Cash On Hand	42.51
Total All Funds	$14,949.57
Special Funds (included in above):	
Scholarship Work Fund	$700.00
Repeater	$205.35
Packet	$311.54
License Class	$8.70

Members Year To Date: 422

Committees:

Long Range Planning: Do not consider selling property. We need a plan before applying for a grant. A meeting will be held on the 11 Jan. 99 at the clubhouse at 7 PM.

Training: A Tech Class will be held on the 9th and 10th of Jan. 1999 at the Clubhouse from 9:00 AM to 5:00 PM both days. George KK7FM, suggested an alternate class such as one on antennas, resistors, etc. Also suggested was having club members elmer newly licensed hams.

Old Business:

A motion was made by Morel, W6LIX, and seconded by Lou, KB7WDB, to approve changes as they are now at the clubhouse. The motion was approved.

New Business:

A motion was made by Morel, W6LIX, and seconded by Lou, KB7WDB, for Jerry, W7BUN, to purchase for the Club the Rhyder Index Book that has missing from the Clubhouse. The motion passed.

The motion was made by Morel, W6LIX, to remove the books from the classroom and move the radio station downstairs and secure the equipment. It was seconded by Lou, KB7WDB. The motion passed.

Equipment for Loan: The equipment that is on loan from the Club, can only be out for 72 hours. It then has to be returned to the equipment custodians.

Lou, KB7WDB, will check on the price of new tables for the classroom.

The meeting adjourned at 9:05 PM.

Respectfully submitted,
Nora A. Simmons, KC7JME, Secretary
Roger Terwilliger, WA7ANJ, President

Radio Club Of Meeting
General Membership Meeting
9 December 1998

The meeting was called to order at 7:30 PM by the President Roger Terwilliger, WA7ANJ. The flag salute was led by Lou, KB7WDB, and was followed by the introduction of everyone present.

Treasurer's Report:

General Checking:	$558.39
Flea Market Checking:	3,500.00
Scholarship CD:	2,982.70
WM Financial Services:	7,627.50
Total	$14,668.59
Special Funds:	
Repeater Fund:	$205.35
Packet Fund:	$311.54
Class Fund:	$8.50
Scholarship Working Fund:	$700.00

Members Year To Date: 424

Correspondence: None

Program: Jerry, W7BUN, presented a program about high SWR on antennas and also discussed antenna gain. Thank you for a great year of programs.

Doc Spike Award: Lou, KB7WDB, presented the certificates to the two people who won the award. Al Churchill, KC7YGC, and Peter David, KK7QW, both received it. Congratulations to both.

Training: The next Tech Class will be held on the 9th and 10th of January 1999. The fees will be $20 for the class and $19 for the book. The class in December had eight out of ten pass the test for Tech.

Long Range Planning: A meeting will be held on the eleventh of January 1999, at the Clubhouse at 7:00 PM.

For the good of the order:

A raffle was held for a cellular phone, which was donated to the club. The tickets were $1 and Alan, KB7SVU, had the winning one. Shirley, N7QHW, gave away a decorated cookie tin. Roger, WA7ANJ, had the winning ticket.

Several people reported problems on the 28 and 38 repeaters. It was suggested they contact Mike Crawford, WB7DFQ.

Equipment for Loan: The equipment on loan can only be on loan for 72 hours. It can be rented for a longer period. A fee for the rental is being worked out.

The meeting adjourned at 9:25 PM.

Respectfully Submitted By
Nora A. Simmons KC7JME,
Secretary, Radio Club Of Tacoma

NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW TO CONTINUE RECEIVING YOUR BARK



Mary Lou Brown, NM7N

Northwestern Division Director



Northwestern Division Director Mary Lou Brown, NM7N, of Anacortes, Washington, died December 3, 1998. She was 71. Brown was just re-elected without opposition to a new two-year term on the ARRL Board. Her husband, Bob, NM7M, reports that Director Brown collapsed and died at Los Angeles International Airport, apparently after suffering a heart attack. She was returning from Australia where she had just taken part in the Lord Howe Island, VK9LX, DXpedition. DXpedition member Nick Hacko, VK2ICV, recalled Brown was "the most-liked person" on the DXpedition. "Although I knew Mary Lou for only a few days, it was very clear to me and to the other Lord Howe operators that she was an exceptional person," he said in an Internet posting after learning of her death. He said Brown helped out with all phases of the operation and deserved "a lot of credit for helping the rest of us get a great lot of enjoyment out of our trip."

Brown has been the ARRL Northwestern Division Director since 1995 and was a vice director from 1990 through 1994. She also served as a member of the ARRL Executive Committee. ARRL Executive Vice President David Sumner, K1ZZ, said Brown was held "in the highest possible esteem" by her peers on the ARRL Board. He noted that Brown was elected to the Executive Committee after just one year as a director, and was re-elected twice. "Her enthusiasm for Amateur Radio extended beyond organizational affairs to on-the-air operating, especially operating with friends," he said. "Anyone who was fortunate enough to able to call Mary Lou their friend--and their numbers are legion, all over the world--knows the true meaning of friendship."

Brown received her doctorate from Columbia University. Before retiring to Washington, she taught physical education at the University of California at Berkeley and served a department chairperson. Northwestern Division Vice Director Greg Milnes, W7AGQ, accedes to the position of Director. Milnes also was just re-elected to a new two-year term. The vacancy in the position of Vice Director will be filled in due course by appointment by President Rod Stafford, W6ROD.

...as reported on the ARRL Web page

(Editor's note: A memorial service was held on 17 December 1998.)

Mary Lou will be greatly missed. Her capacity to stop and really listen in the midst of her busy schedule was most welcome. Her bubbling enthusiasm for all aspects of amateur radio was an asset to the entire amateur radio community that will be difficult to replace. Our sympathies to her family and friends. God speed.

...Kathleen Nace, NØEYK

SUPPORT YOUR CLUB

RADIO CLUB OF TACOMA

W7DK



CHECK IT OUT!

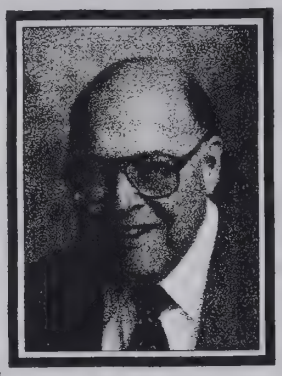
RCT Web Page:

www.mashell.com/~roblee/rct.htm

◈ News from the ARRL ◈

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet.



W7BUN

LEAGUE FILES "RESTRUCTURING" COMMENTS WITH FCC

The ARRL has filed formal comments in response to the FCC's proposed streamlining of the Amateur Radio rules. The League delivered its comments to the FCC December 1, the final day for comments in the FCC's Notice of Proposed Rulemaking in WT Docket 98-143. The League's filing promotes the ARRL Board of Directors' restructuring positions, adopted last July and fine-tuned at a special meeting in October. It also takes the FCC to task on a few points. The ARRL said the FCC's NPRM failed to contain "a comprehensive license restructuring proposal or even an overall review of license restructuring" and generally "missed the mark." The League called on the FCC to adopt the ARRL Board's restructuring plans as the centerpiece of its streamlining efforts. Among other things, the League plan calls for eliminating the Novice and Tech Plus licenses to reduce the number of license classes from six to four. The ARRL plan automatically upgrades current Novice and Tech Plus licensees to General. The General license would beome the entry-level ticket to HF. Existing Novice and Tech Plus HF CW bands would be "refarmed" to provide additional phone spectrum for General, Advanced, and Extra class licensees.

The FCC also proposed a four-tier license structure, eliminating the Novice ticket and melding existing Technician and Tech Plus licensees into a common database while allowing current Novices and Tech Pluses to retain their current operating privileges. The ARRL said the FCC was on "the right track" in proposing to eliminate the Novice ticket. But the League said its "instant upgrade" plan for Novice and Tech Plus operators is a better approach because it permits "refarming" the underutilized Novice HF subbands. The League called refarming "critical to any comprehensive license restructuring proposal."



The FCC's NPRM sought comments on the issue of Morse code testing and requirements but offered no specific proposals. The ARRL called for a reduction in the number of Morse code examination tiers from three to two--5 and 12 WPM--and changes in the written examinations to make them more relevant and with greater emphasis on current operating practices and newer digital technologies. The League also recommended that the number of written exam questions "increase incrementally" for all license classes above Technician. The League said that Morse code should not be overemphasized in the licensing process, but should be continued as a licensing requirement above the entry level. It has proposed that General class applicants pass a 5 WPM code test, while Advanced and Extra applicants pass the 12 WPM code test. Subsequent to release of its original restructuring plan, the ARRL Board also decided to ask the FCC to permit Technician operators to use Morse code on the General class HF CW segments without passing a speific code examination. The ARRL said acknowledged abuses of the CW disability exemption process were an enforcement, not a testing, issue. For those claiming a disability waiver for the higher-speed CW test, the League urged testing accommodations as a preferable alternative. The League also urged an end to multiple-choice CW exams and rules specifying that a passing grade for a Morse examination be either 70 percent correct answers to 10 fill-in questions or one minute out of five of solid copy.

The League also praised the "new dawn" in amateur enforcement undertaken within the Compliance and Information Bureau by Riley Hollingsworth, K4ZDH. The ARRL suggested that it would be "reasonable to withhold any further [rulemaking] action on amateur enforcement" for now and let the CIB continue its work. The ARRL's comments stressed the value of increasing participation in the hobby and making it available to more people. "By increased participation, Amateur Radio can provide even more service to the United States than it does currently, with a simpler licensing structure," the League asserted. A complete copy of the ARRL's comments in WT Docket 98-143 is available on ARRLWeb at http://www.arrl.org/news/restructuring/ (see "ARRL's Comments to the FCC on WT Docket 98-143"). Reply comments on the FCC's rulemaking proposals are due January 15, 1999. The FCC is not expected to take action on restructuring at least until sometime next spring.

(Editor's note: The RCT comments sent to the FCC are published herein starting on page 12.)

FCC ENFORCEMENT HONCHO DONE "TAKING NAMES"

The FCC's Riley Hollingsworth, K4ZDH, is making his list and checking it twice. And now that he knows which hams are naughty, not nice, he's ready to take enforcement actions against the most flagrant amateur offenders.

"Fully half of the amateur problems on HF relate to a specific group of jammers--malicious interferers who

apparently enjoy disrupting as much amateur communication as possible," said Hollingsworth, the FCC's point man for amateur enforcement within the Compliance and Information Bureau. "Enforcement action against this group is long overdue."

Coal could be showing up in some Christmas stockings. Hollingsworth has prepared a report to his boss, CIB Chief Richard D. Lee, detailing his findings and fingering the most serious violators in a "top 10" list which he declined to make public just yet. His memo urged "immediate enforcement action."

Hollingsworth said he's talked with more than 250 people on the amateur enforcement line (202-418-1184) since the end of September, when the FCC's latest amateur enforcement initiative kicked into high gear. In addition, he has received more than four dozen letters and e-mailed comments concerning problems in the Amateur Service. Hollingsworth has concluded that, while most amateurs abide by the rules, a few habitual offenders continue to flout the law. "We are not going to stand for the Amateur Service to be further degraded or destroyed by them," he said.

Hollingsworth says that jamming and deliberate interference is the most common problem, accounting for 31% of all complaints. Repeater misuse and jamming account for another 29%. But he considers the HF abuses--most typically reported on 75 and 20 meters--to be the more serious offenses because they can be national or international in scope. Other general problems accounted for another 17% of the complaints, Hollingsworth said. A full 10% of complaints concerned an unlicensed individual in California who already has spent time in jail for past convictions.

Hollingsworth has sent out 30 informal "warning letters" to individual operators as a result of complaints. The letters warn the recipients that a complaint has been received about the recipient or someone using his or her call sign, indicate that the allegations--if true--could jeopardize the amateur's license, and request the recipient to contact the FCC to discuss the matter. "In almost every case the recipient has contacted us," he said. "In one case, the licensee contacted us, apologized, and reports since that time indicate that the licensee has become a model operator." Some amateurs have reported to the ARRL that amateur behavior has improved--dramatically in some areas--since word hit the street that the FCC was taking amateur enforcement seriously. For its part, the League has said it is willing, for now, not to pursue its request to further privatize amateur enforcement.

Hollingsworth says the warning letters will continue, but now he's taking aim at the hard-core scofflaws within the Amateur Radio community. "We have now let everyone out there know we're back," he said. Continued violations will "guarantee" license revocations, fines, or--in extreme cases--equipment seizures. "Church is out now," he said. "We mean business and we're strapped in and ready to ride." Hollingsworth said Amateur Radio rulebreakers "continue these violations at their own risk."

HAM RADIO HERO HONORED

Lonnie McVaigh, KB9LUN, receives the 1998 Samuel I. Keene Memorial Award for Heroic Disaster Service from DERA trustee Steve Keene, Samuel Keene's brother. "Lonnie McVaigh represents the courage, commitment, and dedication for which this award was intended," said Steve Keene. Ham hero Lonnie McVaigh, KB9LUN, of Decatur, Illinois, has been honored as the latest recipient of the prestigious Samuel I. Keene Memorial Service Award from the Disaster Preparedness-Emergency Response Association. McVaigh received the award November 19. It carries a $1000 honorarium,

McVaigh was seriously injured while on storm-spotter duty. "Instead of simply reporting the location and movement of the funnel cloud that threatened Decatur on April 19, 1996, Mr. McVaigh warned people to get off the street and into shelters as the tornado bore down on them," a DERA statement said. As time ran out, McVaigh took refuge with a family in their basement as the twister hit their house. He was seriously injured when the storm toppled the chimney into the basement.

McVaigh's wife, Melissa, KB9MDF, had stayed in contact with him via Amateur Radio as the storm hit. As a result, she was able to alert the rescue squad, which promptly located McVaigh and got him to the hospital.

McVaigh suffered a broken pelvis and nerve damage in his legs. He has had to endure several operations and a lengthy and difficult rehabilitation program. Because of his injuries, McVaigh can no longer work at his job and has had to rely on public assistance, Social Security, and help from friends and his church. The McVaighs have three children of their own plus five foster children. His slow recovery continues. DERA Executive Director Bascombe "Jay" Wilson, W0AIR, said the organization picked McVaigh from among candidates representing every continent. "The heroism and continued courage of Lonnie McVaigh serve as an inspiration for us all," Wilson said.

ARRL MEMBERS ONLY WEB SITE A HIT

Since it went on-line earlier this fall, the ARRL Members Only Web Site (http://www.arrl.org/members/) has topped the 30,000 mark for members registered to use it. During the last 10 days of November, nearly 7000 members visited the Web site. The site provides access to The ARRLWeb Extra, a new Web publication that contains current news and Amateur Radio features, as well as to past QST product reviews and other services and information. ARRL members also may sign up for free e-mail delivery of The ARRL Letter and W1AW bulletins and update their name, address, and call sign information with the League via the Members Only Web Site.

LIVE SSTV TRANSMITTED FROM MIR

For the first time, live SSTV images have been transmitted from the Russian Mir space station. SSTV

equipment was transported to the spacecraft earlier this fall and put on the air December 11. Several amateurs reported copying the images from space on 2 meters, but plans call for the SSTV transmissions to move to a 70-cm frequency that's coordinated for that purpose.



The SSTV system was turned off for several passes after December 14, and the Mir packet system was back on 145.985 MHz, but as of December 16, R0MIR was transmitting SSTV on some passes and packet on others. Meanwhile, APRS developer Bob Bruninga, WB4APR, had announced a four-day APRS school experiment via Mir through December 18.

Maxim Memorial Station W1AW copied R0MIR's SSTV pictures December 14 and 16 on 145.985 MHz. "We were able to see one of the solar panels and part of what appeared to be the lower outline of the spacecraft," said W1AW Station Manager Joe Carcia, NJ1Q. He added that Mir's signal was "pretty strong, a good 58 or 59 for most of the pass." Before the SSTV transmission commenced, the station sent "R0MIR" in CW.

Neither of the cosmonauts aboard Mir during the current tour of duty is a licensed amateur. The SSTV equipment aboard the spacecraft was supplied to the Russians by Miles Mann, WF1F. He says the system operates in automatic mode and can display a new image every two minutes.

Mann coordinated a 70-cm frequency, 437.975 MHz, for the SSTV project with AMSAT Frequency Coordinator Graham Ratcliff, VK5AGR. The 2-meter 145.985 MHz frequency has been coordinated for FM voice and packet use, however. While the SSTV system is operating, the Mir packet system and the SAFEX repeater are off the air. Mann said December 16 that he's seeking to keep the SSTV system operating on 2 meters for a while longer, but added that it would likely go to 70 cm on or before January 1.

A former Mir International Amateur Radio Experiment (MIREX) vice president, Mann formed his own Manned Amateur Radio Experiment--North American division (MAREX-NA) organization after a public falling out with MIREX President and Mir packet sysop Dave Larsen, N6CO. Larsen, the official Space Amateur Radio EXperiment (SAREX) liaison with the Russian space program, was among those complaining about the appearance of SSTV on Mir's 2-meter downlink frequency.

For details on how to receive SSTV using your PC, see http://www.ultranet.com/~sstv.

FCC ACTS IN ALLEGED EXAM, LICENSE FRAUD CASES

The FCC's Compliance and Information Bureau has acted in several Amateur Radio cases it inherited from the days when it shared enforcement duties with the Wireless Telecommunications Bureau. In all of the cases, the FCC said it appeared that individuals attempted to obtain an Amateur Radio license or upgrade by fraud or misrepresentation.

ARRL COMMENTS IN PART 15 PROCEEDINGS

The ARRL has filed comments with the FCC in two proceedings that it says could lead to greater interference to amateurs. The League expressed "continued strenuous opposition" to an FCC proposal to revise Part 15 of the rules to permit unlicensed, point-to-point transmitters in the 24.05 to 24.25 GHz band at field strengths of up to 2.5 V per meter, measured at 3 meters. Amateur Radio has an allocation at 24.0 to 24.25 GHz. In September, the FCC released a Notice of Proposed Rule Making in ET Docket 98-156, in response to a petition from Sierra Digital Communications Inc. The company wants to market point-to-point microwave devices. The ARRL already had commented on the Sierra Digital Petition for Rule Making. It called the FCC's proposed rules changes "entirely inappropriate for Part 15 unlicensed facilities." The League said the Commission considered and denied a petition in 1983 to permit unlicensed, uncoordinated, point-to-point microwave operation in the 24-GHz band. The recent petition amounts to "the eact same proposal," the League said.

The League also commented in response to a Notice of Inquiry, in ET Docket 98-153, about whether the FCC should revise Part 15 to allow ultra-wideband (UWB) transmission systems. Such systems, operating in the VHF and UHF spectrum, include applications like radar, voice, data, and control communications devices. The League expressed concerns that Amateur Radio and home entertainment devices, including TV sets, could be subjected to interference from the Part 15 UWB devices. The League proposed that the Commission ask manufacturers of UWB devices to develop and circulate technical standards "in support of a unified, comprehensive plan." The League also offered its services to help determine proper technical regulations.

Editor's Notes

E-Mail address:
kathleen@naceplace.com



Please note NEW E-MAIL ADDRESS

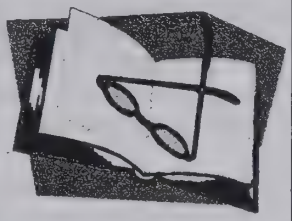
HAPPY NEW YEAR!

Well, here it is almost January! We are fast approaching the time when the Nace house will put away the hoses, unplug the power, fire up the big deisel and head south and east. Our travel will take us to our kite making retreat on the Oregon coast, on thru California, Arizona, New Mexico, and into south Texas for an amateur radio county hunters gathering. Then we will go on to Georgia for the winter convention of the Family Motor Coach Association. Our return trip will include some astronomy adventures in Arizona and New Mexico and probably a visit to Las Vegas.

Keep the e-mail coming and the newsletter will happen! New Year's blessings! Kathleen, NØEYK

Amateur Radio Exams

in the Puget Sound Region as of June 17, 1998



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Saturday - 1 PM - Boeing **Kent** Rec. Center, 22649 83rd Ave So, Room "C", - Contact Rick Antes, KF7VG, 425-277-2220, Des Moines

2nd Tuesday - 6:30 PM - **Everett** - Sno-Isle Skills Center - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 425-355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of **Tacoma** Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Saturday - 10 AM - **Tukwila** - Riverside Inn, 14060 Interurban Ave, South - Contact Harry Lewis, W7JWJ, 206-523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 Tobin Street - Contact Mike Dinkelman, WA7UVJ, 253-854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 360-793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 360-652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 360-456-5571, Olympia

4th Saturday - 10 AM - **Marysville** - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 425-335-5258, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Walt Winters, AA7TL, 360-692-8326, Bremerton

Semiannually - Saturday - 9:30 AM - **Olympia** - Olympia Center, 222 Columbia North - Contact John Steele, AA7WX, 360-491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - 253-845-7652

A LETTER FROM OUR NEW DIVISION DIRECTOR



Greg Milnes, W7AGQ

December 18, 1998
To all Northwestern Division ARRL Members,

I purposely have done no calling or organizing. Somehow it did not seem appropriate to leave my Vice Director position and jump right in as Director. Yes, that's what the rules say, the Vice Director succeeds to the Director's position. But it just didn't feel right. Now that we have experienced a very meaningful memorial service for Mary Lou, it is now time to carry on her work and gather the Northwestern Division together.

I have most of Mary Lou's files and I have started to go through them. Bob is sending me some additional information we missed Thursday morning. Mary Lou and I worked well together as a team. We divided up a lot of responsibilities (needed to administer the largest geographic Division in the country). Now its time for me to get up to speed on those duties and responsibilities Mary Lou retained for herself.

Several hams have talked to me about the now vacant position of Vice Director. I have consulted with the ARRL President and Executive Vice President as well as several respected NW Division hams. I will continue to seek advice and welcome your comments. I expect that I will be making a recommendation to President Rod Stafford, W6ROD, after Christmas and the appointment should be made very early in January.

I hope those of you planning Hamfairs, conventions and such gatherings will let me know as soon as possible. As in the past, the Director and/or Vice Director will try to cover and staff an ARRL table and hopefully present an ARRL Forum. Also, it should be most helpful for you to pick a date and let us know. I hope that we can help you to avoid geographically competing hamfests. I will soon list those I have so far.

I have traveled to a number of clubs over the past four years but there are many more I have not visited. Several groups have invited me to talk to their club and I would invite others to do the same. I enjoy talking to hams, after all I've been one for over 43 years. I also want very much to learn from you. Amateur radio is such a diverse service/hobby that there are many areas that I don't know much about. You can be my teacher. You will also get a chance to tell me about things I should or should not do.

I hope you will make your views on ARRL matters known to me. I have to vote on a lot of things at Board meetings and I want to know how YOU see things. In return for you sharing comments with me, I'll do my best to keep you informed on the issues.

I will be soon contacting all Assistant Directors. I've looked over the list and I know many of you already. No one is getting fired! I'll be sending out a form to see if you want to continue as an Assistant Director.

In the meantime, I'll be organizing Mary Lou's materials, correlating them with mine and at the same time preparing for the January 15-16 ARRL Board meeting in Houston.

There's a lot of things to do. I appreciate the many expressions of sympathy for me for the loss of a friend and co-worker. I am also warmed by expressions of support for the

days ahead.

I've told Bill, WO7O, this already, but our Northwestern Division home page is far and away the best Division home page in the country. I have received a number of comments from other Divisions that want to be like us. I'm proud of this home page and I suspect you are too.
73 and 88 where appropriate.
Greg Milnes, W7AGQ,
Northwestern Division Director.

(Editor's Note: This letter was taken from the NWARRL home page. Check it out at **www.olympus.net/nwarrl** *It is an excellent source of local area amateur radio info. Thanks, Bill.)*

RCT Response to FCC NPRM

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, DC 20554

In the matter of:

1998 Biennial Regulatory Review --
WT Docket No. 98-143
Amendment of Part 97 of the Commission's
Amateur Radio Service Rules

COMMENTS OF THE RADIO CLUB OF TACOMA

The Radio Club of Tacoma (Washington), Incorporated, representing over 400 Amateur Radio operators in the Tacoma and Pierce County, Washington, area submits herewith its comments in response to the Petition for Rulemaking, WT Docket 98-143 released August 10, 1998.

SUMMARY OF COMMENTS

We believe that as Amateur Radio Operators we're slipping farther and farther behind in utilizing new technology. The primary modes of communications we use: SSB, FM, CW, etc., have been in use for 50 to 80 years. We must modernize our approach to CW, not by eliminating it, but by putting it into a proper perspective for the future. We have to make an effort to move into advanced communications techniques in the near future by taking advantage of the cutting edge modes of digital communications and to allow for more efficient use of the spectrum. 97.1 of the Commission's rules state that the Part 97 regulations will provide the basis and principles that will govern the Amateur Radio Service. We, therefore, believe that some of these regulations must be changed for restructuring the Amateur Radio Service to permit modern communications techniques and be the incentive for younger applicants to apply for Amateur Radio licenses.

1. The instant NPRM and the ARRL proposal of July 22, 1998, outline acceptable qualifications and privileges for each license class. We believe the Technician class should have full VHF privileges, but also be allowed CW HF privileges with narrow bands of frequencies and limited power output in order to learn and practice the Morse code on the air. Passing a 5 WPM CW examination and earning a General class license should result in increased HF and higher power privileges. Advanced class and Amateur Extra class licensees should retain the same privileges as at present.

2. We concur in the elimination of the Novice and Technician Plus classes of license as new entries to Amateur Radio, but we feel that current Novice and Technician Plus licensees should retain their present privileges and be allowed to renew their operator's license indefinitely. We have no problem with the elimination of the RACES stations and the rules that govern them. This is a category that has become obsolete.

3. We had the most disagreement in our group with the required speeds for CW examinations. Most agree that 5 WPM is satisfactory for entry level HF privileges, but while most agreed that 12 WPM would be suitable for full HF privileges, some felt that 15 WPM would be more suitable. All agreed that the CW examinations should be "fill-in-the-blank" type with a 70% correct rate as passing. The group felt that the skill of sending CW with a hand key or an electronic keyer should be reinstated by the rules as a requirement to pass the CW examination.

We agree that the written examinations should be based more on newer technology than as at present. If the CW requirements are reduced as in paragraph (3) above, the written examinations must be more comprehensive as outlined in the instant NPRM.

We believe the newly freed up HF Novice frequency bands should be utilized 50% for expanded phone privileges and 50% for digital type communications, including CW. The 200-watt power output limit for these bands should be eliminated for Advanced and Amateur Extra class licensees

Wherefore, the premises considered, The Radio Club of Tacoma believes that the proposals in WT Docket 98-143 NPRM be implemented in accordance with the comments above. We strongly urge the Commission to change the Part 97 Rules to reflect the restructuring of the Amateur Radio Service.

Respectfully submitted,

THE RADIO CLUB OF TACOMA (Washington)
by Roger Terwilliger, President
by Nora Simmons, Secretary

Radio Club of Tacoma, Inc.
P. O. Box 11188
Tacoma, WA 98411

Dated: November 30, 1998

RADIO CLUB OF TACOMA
PO BOX 11188
TACOMA, WA 98411-0188

[ ] NEW MEMBER (ONE APPLICATION PER MEMBER)

[ ] RENEWAL (ONE RENEWAL FORM PER FAMILY OK)

MEMBER CATEGORY: [ ] FULL [ ] SENIOR [ ] ASSOCIATE [ ] FAMILY [ ] LIFE [ ] STUDENT [ ] REINSTATEMENT

Name_____ Call_____ Class_____ Birthday_____

Address_____ City/State_____

Zip+4_____ Home Phone(____)_____ Work Phone(____)_____

e-mail _____ Publish phone number/e-mail in the Club Roster? Yes [ ] No [ ]

Former Call(s)_____

Are you a Volunteer Examiner Yes [ ] No [ ] If Yes, which VEC_____

Occupation (or former occupation)_____ Employer_____

Are you a member of: ARRL [ ] ARES/RACES [ ] MARS [ ]

FAMILY MEMBERS NAME, CALL, AND LICENSE CLASS (RENEWALS ONLY)

_____

_____

_____

THE RADIO CLUB PARTICIPATES AND SUPPORTS THE FOLLOWING ACTIVITIES EACH YEAR. PLEASE MARK THE BOX IN FRONT OF THE ACTIVITY OR ACTIVITIES THAT YOU WILL HELP SUPPORT. WE URGENTLY NEED YOUR HELP AND SUPPORT, PLEASE CONSIDER AT LEAST ONE ACTIVITY THAT WE CAN COUNT ON YOU TO SUPPORT.

[ ] AWARDS BANQUET
[ ] FIELD DAY
[ ] FLEA MARKET
[ ] BOOTH AT THE WWA FAIR
[ ] SWEEPSTAKES IN NOVEMBER
[ ] VE TEAM
[ ] LOGGER'S BARK MAILING PARTIES
[ ] TEACHING CLASSES
[ ] SCOUTS JAMBOREE IN OCTOBER
[ ] ARES/RACES
[ ] N KITSAP FLEA MARKET
[ ] OTHER MISC CONTESTS
[ ] MIKE & KEY FLEA MKT

Other hobbies, expectations, comment:_____

Do you own a computer? Yes [ ] No [ ] If so, what type?_____

How did you hear about the Radio club?_____

Seven dollars ($7.00) of your annual dues is the subscription fee for the Club's monthly newsletter(The Logger's Bark).

Club badges are available for $9.00. If you would like a badge, please PRINT the following:

Badge Name_____ Badge Call Sign_____

Applicant's Signature_____ Date_____

ANNUAL MEMBERSHIP DUES: FULL OR ASSOCIATE MEMBER $30
FAMILY MEMBER (AT SAME ADDRESS, FIRST TWO) $15 EACH (ALL ABOVE 2 ARE FREE)
SENIOR MEMBER (65 AND OVER) $25 FULL-TIME STUDENT (UP TO AGE 25) $15
LIFE MEMBERSHIP = 20 TIMES ANNUAL DUES (PAYMENT PLAN AVAILABLE)

FOR RCT USE ONLY

Dues received $_____ Treasurer's initials_____ Date_____

Badge fee rcvd $_____ Treasurer's initials_____ Date_____

RCT Number _____

2/99

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma, WA 98411

RETURN SERVICE REQUESTED

NON PROFIT ORG.
U.S. POSTAGE
PAID
TACOMA, WA
PERMIT NO. 1078

COMING EVENTS

FEB 3 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

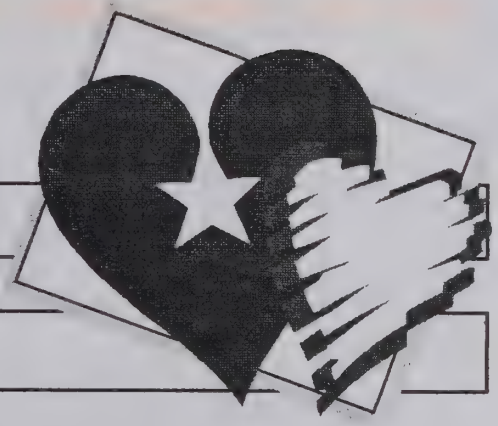
FEB 6 - Pinochle Potluck, 7 PM, Clubhouse

FEB 9 - License Exams - 7 PM - Clubhouse

FEB 10 - Club Meeting - Library Administration Center, 7:30 PM
Program: Amateur Television (ATV)

FEB 15 - BARK deadline (please be as on time as possible!)

FEB 24 - Club Meeting- Library Administration Center, 7:30 PM
Program: Propagation of Solar Cycle 23



Support OUR club - Attend meetings, volunteer, elmer.

Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
See page 3 for meeting program schedule.

HAPPY VALENTINE'S DAY!

February 1999

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 *CLIVE KC7ZLF  HAPPY FEB SKATING	2 7:30 PM RCT NET 147.28R *JOHN K7ASZ *RICHARD WF7A  GROUNDHOG DAY	3 7:30 PM RCT BOARD MTG	4 *DICK KB6PWR	5	6  9:00 AM OPEN HOUSE 7:00 PM PINOCHLE POTLUCK *BILL N7TEZ *CAROLYN WV7Q *RUSS KC7IBX NORTH AMERICAN SPRINT PHONE
7 *DON KD7DON *VAL N7VGO NORTH AMERICAN SPRINT PHONE	8 *PHIL G4UFH NORTH AMERICAN SPRINT PHONE	9 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R	10 *KAREN KC7ACX *LEONARD N7MOQ *RICH N7ANF RCT MEETING 112TH ST E & WALLER RD	11	12 NORTH AMERICAN SPRINT CW	13  9:00 AM OPEN HOUSE *KARYL N7KWF *TONY W7AGZ NORTH AMERICAN SPRINT CW
14 *MARK N7FIT  HAPPY VALENTINE'S DAY NORTH AMERICAN SPRINT CW	15  BARK DEADLINE	16 7:00 PM MVWS LICENSE EXAMS 7:30 PM RCT NET 147.28R *CARROLL N7TRA *KARL KC7PAI	17 *DAN N7QWH  NEW MOON	18 *PETE N8PSJ *ROBERT KB7GTE	19 *DONNA *OLIVER W7WIA *RONALD N7SWO	20  9:00 AM OPEN HOUSE ARRL INTERNATIONAL DX CONTEST CW
21 *PAM KC7AZV ARRL INTERNATIONAL DX CONTEST CW	22  12:00 PM CLUBHOUSE LADIES PINOCHLE *SALLY KB7PKJ *TRESSIE KC7BAL	23 7:30 PM RCT NET 147.28R	24 *GERALD KD7CZN *JOHN N7JFM RCT MEETING 112TH ST E & WALLER RD	25 *MICHAEL KD7BAE	26 *PAUL N7WGV	27  9:00 AM OPEN HOUSE *BUD WE7I *EDWIN KC7OKS
28						

January 1999

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
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24	25	26	27	28	29	30
31						

March 1999

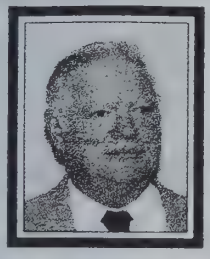
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THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

VOL. XXXVI NR. 2 | W7DK | FEBRUARY 1999

FROM THE PRESIDENT



WA7ANJ

Things are looking better as the year rolls on. We seem to be generating more involvement, camaraderie, SPIRIT in the Radio Club. Recent turnout at a Long Range Planning Committee meeting produced some updated responses to questions asked several years ago. Like re-hab of the clubhouse, specialized training classes, more "events", youth groups, etc. The meetings are doing coffee and cookies, door prizes, GREAT programs, more involvement by the members. I like it when the members join in the programs and "show 'n' tell" or give a talk. Hey, we may be starting to have FUN with Ham radio! That's what it's all about.

If you haven't played with the sunspots lately, you're missing a lot. I know, some of us aren't interested in DX or contesting, but it's always a shock - even after 40 years - to hear a signal like a mobile in you driveway, and find out that it's an operator on the other side of the planet! For those who would like to have a go at it, but are unable due to lack of equipment, wrong license class, whatever, call me - or the club on Saturday morning open-house - and we'll find a way to share the excitement! "Come on down!"

"What do I get for my dues?" The answer comes from YOU! Tell us what you can't live without, and we'll do our best to fix it! The board, and some committee members, are starting to provide good project / training ideas ... we'll get there. Join in and lend a hand - make less work - and more fingerprints to spread the blame. Have FUN with Ham Radio! 73, Roger

IN THIS ISSUE...

- ▶ **COMING RCT PROGRAMS** - Page 3
- ▶ **ARRL NEWS - READ IT!** - Page 9
- ▶ **CONTEST CALENDAR** - Back in March
- ▶ **1998 Doc Spike Awards** - Page 5
- ▶ **Our Sailing Hams** - Page 6

TIME TO UPGRADE?

EXTRA CLASS WORKSHOP

Want to get that extra class theory under your belt? Jerry's workshop can help you do it with a minimum of pain. Call Jerry, W7BUN, at 253-845-7652. He is looking for **2 more** interested advanced class hams to make the next workshop viable.

CALL TODAY!!!

RADIO CLUB OF TACOMA – 1998

PRESIDENT	ROGER TERWILLIGER	WA7ANJ	475-4293
V PRESIDENT	ALAN HUGHES	KB7SVU	840-4947
SECRETARY	NORA SIMMONS	KC7JME	847-5124
TREASURER	CHUCK SOUTER	KA7HJN	863-2650
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	MOREL GUYOT	W6LIX	838-5433
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CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma
147.28 / .88 MHz 144.97 - Packet
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

William G (George) Adams, KD7DOT RCT #2030
31301 36th Ave SW
Federal Way, WA 98023-4007 253-874-8496
wgadams@16m.net

Patricia Palmer, KD7DOP RCT #2031
7320 56th St E
Puyallup, WA 98371-3742 253-445-6193

Don Irvin, KD7DOR RCT #2032
Marie Irvin, KD7DOQ RCT #2033
10221 122nd Ter NW
Gig Harbor, WA 98329-6911 253-857-3791
lsail4fun@aol.com

Reinstatements

Address/Phone Changes/Corrections

Kathy Bena, N7DVS 360-457-1474

Willie T Bourlet, KA7NXK
38101 NE 94th Ave
La Center, WA 98629-4805 Phone Unknown

Jason P Fallon, KA2YMZ
1202 N Pearl St #GG105
Tacoma, Wa 98406-8317 Phone same

Frank Palmer, KC7YEF
Jessica Palmer, KC7ZWM
7320 56th St E
Puyallup, WA 98371-3742 253-445-6193

E-Mail Address Changes/Additions

See next page...

New Calls/Upgrades

Art Little, was KC7RPG, now K7AML
John Martens was KC7MKK, now K7JWM
Jill Stearns was KC7PSQ, now K7JIL

Silent Keys

Bill Deatherage, WA7SCN, past president, RCT
More in the March BARK.

COMING PROGRAMS AT RCT

FEBRUARY 10TH – AMATEUR TELEVISION (ATV) – Chandler Ellis, KC7EYZ, will describe the activities of the Western Washington Amateur Television Society. The group has an ATV repeater and Chandler will demonstrate some of the equipment used and show actual ATV pictures from the repeater.

FEBRUARY 24TH - PROPAGATION OF SOLAR CYCLE 23 - We are now into month 28 of solar cycle 23. Tom Sanders, W6QJI, will explain what causes these 11-year solar cycles, how band conditions are changing, and what we can expect in the next few years for improved radio communications, including working long distances on 6 and 2 meters.

NEW DUES STRUCTURE

Effective January 1, 1999, the dues structure will be as follows:

FULL	$30.00
FAMILY	$15.00
for the first two family members. Any more than the first two are at no additional charge.	
SENIOR	$25.00
ASSOCIATE	$30.00
STUDENT	one half of Full rate
LIFE	20 times your current rate of dues

E-MAIL CHANGES AND ADDITIONS



Thomas A Dailey, N7LTI Sonnia H Dailey, N7NGJ	daileys@aol.com
Les Darling, WB7QCI	QCI-6@juno.com
John T Ege, KC7FGG	JohnEGE@1xnetcom.com
Art Little, K7AML	artmlittle@msw.com
Morel Guyot, W6LIX	w6lix@uswest.net
John Martens, K7JWM	k7jwm@webtv.net
Vernon James, KD7COD	jvernon@juno.com
Chandler Ellis, KC7EYZ	rinc@wolfnet.com

Your Ad Could Be Here!

Call, Shirley, N7QHW at (253)265-3661 for info.

PINOCHLE

at the Clubhouse
1249 So. Washington
1st Saturday, February 6th
Pinochle & Potluck - 7pm
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898

ARES/RACES



There is still not a heck of a lot going on at this time of the year except for the emergency happenings. Those of you signed up or just plain interested in helping with the flood activities have the greatest potential for being called upon at this time. If you are interested and have not signed up, simply contact the person(s) at the end of this article.

Some things that will be happening in the near future are March of Dimes Walk, Multiple Schlerosis Walk, a hospital exercise occurring on April 21, 1999 and the Daffodil Parade. This is what I know of for the immediate future but if you want to get more definite information, please contact Stan, N7KMF, or Nana, N7OIX, at 253-845-9023. They really need your help so please consider participating in at least one event each year.

There are other leadership positions and a hospital leadership position still available. If you can help with any of the leadership positions, contact Alan, KB7SVU, at 253-840-4947 or Bob Tilley, KB7NBQ, at 253-875-0755.



N7QHW

For those of you who already have a card, remember, check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Alan or Shirley (info at the end of the article).

If you have not joined ARES/RACES and would like to, contact Alan, KB7SVU, ARES Emergency Coordinator and RACES Radio Officer at 253-840-4947 or see Shirley, N7QHW, at any Radio Club of Tacoma meeting for an application.

73 and again thanks for volunteering Shirley, N7QHW

ACCIDENT & BODILY INJURY
LAW OFFICES OF
DOUGLAS K. SMITH, P.S.

(206) 471-1000
(800) 585-8500

AJ7Y

DOUGLAS K. SMITH
Attorney at Law
102 Tacoma Mall Plaza
2702 South 42nd Street
Tacoma, Washington 98409

Radio Club of Tacoma License Exams

FEBRUARY 9, 1999

7 PM RCT Clubhouse
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: RCT for $6.25. For information call: Shirley, N7QHW @ 253-265-3661

SECOND BYTE
NEW & USED MS-DOS COMPUTERS



ACCESSORIES, PERIPHERALS, AND UPGRADES

N7ARO

Roy Richards
642 NE Woods Ct.
Bremerton, WA 98311
Voice/Fax: (360) 479-2619
E-mail: 2ndbyte@kendaco.telebyte.com

▶▶▶ *ADDRESS CHANGES* ◀◀◀

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to Shirley, N7QHW, @ 253-265-3661.

DOC SPIKE 1998 RECIPIENTS

It is with great pleasure that we share with the winners of the 1998 Doc Spike Inspiration Award. As in some of the years past, we have two winners this year. They are both very deserving of the award and each of their qualifications were so closely matched it was difficult to choose just one.

They have both given of hundreds of hours for the promotion of the radio club by helping to ensure a better classroom within the clubhouse to better support our educational activities, amateur radio license examination space for those new amateurs testing or others who are upgrading their license, providing a workbench and equipment testing area, supported the radio club's antique radio station and museum with necessary or desired changes, helped to move the radio club library from downstairs to upstairs and to construct an area downstairs so we could have a readily accessible radio station for all. Without these kinds of efforts from our members, it would be very difficult to continue to support our educational and scientific efforts for the club. In addition to this, much work and effort has been put forth by these individuals to keep and maintain the operational level of the club generators at an optimum level, and work at keeping the grass at a level that the neighbors are not complaining. We need moe persons like this to show up at our clubhouse and say "what can we do to help".

Please read on to learn about the recipients for 1998 and also be sure to read the first paragraph of each of the certificates to refresh your memories of why this award is given each year.

Congratulations to Al, KC7YGC, and Pete, KK7QW.

THE "DOC SPIKE" INSPIRATIONAL AWARD FOR 1998

Since 1974, the "Doc Spike" Inspirational Award has been presented annually to members of the Radio Club of Tacoma who through their enthusiasm, devotion, and actions have done the most to promote amateur radio, ensure the success of the club, and best emulate the first recipient, Dr. Clifford J. Spike, W7OS.

This recipient for 1998 has shown great enthusiasm for amateur radio and the Radio Club of Tacoma. He has provided service to the club by many hours of participation in improvements to the clubhouse upgrade project. In addition, many hours and a lot of effort has been given to providing support for ARES activities, work on our emergency generator and routine maintenance on the outside of the clubhouse as well. This recipient has also taken on the thankless task of cataloguing and controlling equipment donated and or owned by the club. He is always open to suggestion for improvements and added many valuable ideas for making our clubhouse a better place for club activities.

He has lent his support in getting the Logger's Bark into the mail whenever possible. He has only been licensed for one and one-half years but with true amateur spirit has studied hard and upgraded to Advanced Class and is but a mere 20 WPM away from that elusive Extra Class license.

He has truly been an inspiration to others in the club. In grateful appreciation, the "Doc Spike" Inspirational Award for 1998 is presented to:

AL CHURCHILL
KC7YGC

THE "DOC SPIKE" INSPIRATIONAL AWARD FOR 1998

Since 1974, the "Doc Spike" Inspirational Award has been presented annually to members of the Radio Club of Tacoma who through their enthusiasm, devotion, and actions have done the most to promote amateur radio, ensure the success of the club, and best emulate the first recipient, Dr. Clifford J. Spike, W7OS.

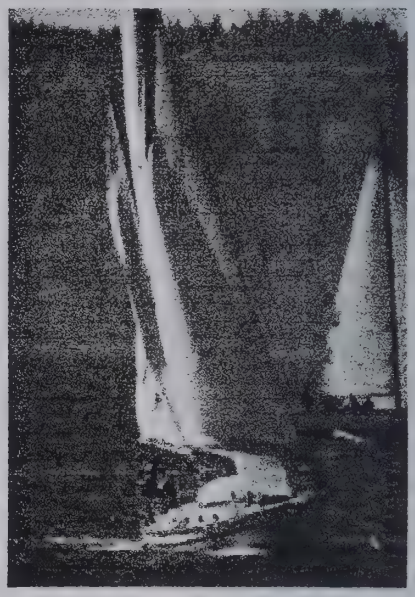
This recipient for 1998 has shown great enthusiasm for amateur radio and the Radio Club of Tacoma. He has provided service to the club by many hours of participation in improvements to the clubhouse upgrade project. In addition, many hours and a lot of effort has been given to providing support for the club and ARES by working on our emergency generator so that it will be functional for power outages and Field Day activities. This recipient has also provided time and energies towards routine maintenance on the outside of the clubhouse. He has been open to suggestion for improvements and added many valuable ideas for making our clubhouse a better place for club activities.

He has only been licensed for two years but with true amateur spirit and apparently a knack for Morse code has studied hard, upgraded to Advanced Class and is but a mere written exam away from that elusive Extra Class license.

He has truly been an inspiration to others in the club. In grateful appreciation, the "Doc Spike" Inspirational Award for 1998 is presented to:

PETER DAVID
KK7QW

NEWS FROM OUR SAILING HAMS!



"Feliz Navidad" from S/V "Circe"

'Tis the night before Christmas, at anchor we float,
not a line is a rattling, anywhere on the boat.
The stockings are hung from the hammocks with care
Few gifts are forthcoming, the need is not there.
Our children are far away with lives of their own;
visions of responsible parents totally blown.

The captain is settled for the night in his bunk
While I'm up late scurrying with last minute junk.
When up on the bow there arose such a clatter
I sprang from my bunk to see what was the matter.
Away to the companionway I flew like a flash,
tripped over the tackle box and hit my toe with a smash.
The anchor is holding but the deck is a mess.
Has Santa been here? I guess we care less.
This cruising is strange, so carefree and nice
Nothing to worry about, not even mice.

The moon gleams so brightly, the sky is aglow,
giving luster of phosphorous, shining below.
When what to my wondering eyes should appear
but eight regal dolphins gliding without fear.
More rapid than eagles they spun and they flew,
I'm struck by the sight, it's all so new

All over the harbor the dolphins they pranced
from anchor chain to windvane they jumped and they danced.
To the top of the water, one boat to another,
they frolicked and played like sister and brother.
The large ones so graceful, explosive and grand
little ones boisterous, as they swam far from land.
And I heard them exclaim, as they dove out of sight:
"Feliz Navidad" and a cruisers, "Good Night."

(Jan. 15, 1999) Yes, a belated Christmas greetings to each of you. One of the advantages of being removed from most family and friends during the holiday season is that we're able to focus more on the real meaning of this special time of year. Yes, we miss everyone and wish we could have been there for the festivities. Life is pretty laid back here in Mexico -- as is evident from the timing of this Christmas letter! It's easy to put off until "manana!"

We've been blessed with another wonderful year of cruising. We were fortunate to be able to visit family and friends in Tacoma. And delighted to have friends and family visit us here in Mexico. Scott and Sharon sailed with us across the Sea of Cortez from Mazatlan to LaPaz in April. Their exciting news for the year is that they've sold their home in Pacific and will soon be moving to a more spacious house and setting in Enumclaw.

Shawn and Kate spent a fun-filled two weeks with us here in Puerto Vallarta, surfing, swimming and exploring. They became engaged this year; perhaps a wedding in the fall?

Continued next page...

Stacie and Maner haven't been down to visit us yet but Stacie surprised me with a week's visit when I was home in March. She's being challenged with firefighter/EMT training in Virginia. She was hired in the fall and will graduate the middle of February. Sounds like pretty grueling stuff. Maner retired from the military in December and is in hot pursuit of a new career.

Stef and I are happy and healthy for which we thank the Lord! Our boat continues to be our home and we've had a wonderful year visiting and exploring many parts of Mexico. We especially enjoyed the Sea of Cortez and will again spend the spring, summer and fall there. Right now we're being pampered with all the luxuries of a 5-star resort and marina just outside of Puerto Vallarta. But it's time to "cut the lines" and start heading south. We're planning to enjoy several anchorages as we work our way south as far as Ixtapa/Zihuatanejo where Norma and Jim will join us for 10 days. As a measure of reference, it's about 350 miles from here. We average about 6 knots per hour so it'll be an easy trip with probably only one overnighter.

We continue to make many new friends in the cruising community and enjoy the creative potlucks and get-togethers. Yes, it's pretty much sunny and about 80 every day. It was a lot hotter in the summer but we managed to stay cool--the water in the Sea is delightfully warm.

And, of course, we surely miss all of you. We eagerly look forward to receiving your e-mails, cards and letters--keep them coming. God bless you.

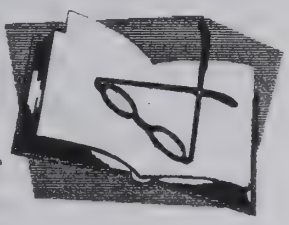
Much love, Stef and Marilyn

P.S. When we're able to connect to a "land line," we continue to use thordam@compuserve.com. When we're traveling or at anchor, we use e-mail via a Ham radio link. That address is KB7PCT@mer.win-net.org. If you use the later, please keep it short and plain text only. Thanks.



Amateur Radio Exams

in the Puget Sound Region as of January 14, 1999



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Saturday - 1 PM - Boeing **Kent** Rec. Center, 22649 83rd Ave So, Room "C", - Contact Rick Antes, KF7VG, 425-277-2220, Des Moines

2nd Tuesday - 6:30 PM - **Everett** - Sno-Isle Skills Center - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 425-355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of **Tacoma** Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Saturday - 10 AM - **Tukwila** - Denny's Restaurant, #3 13100 48th So., Contact Mary Lewis, W7QGP, 206-523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 Tobin Street - Contact Mike Dinkelman, N7WA, 253-854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 360-793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

3rd Saturday - 10 AM - **Shelton** - Shelton Airport - Contact - Dick Bostrom, N7LD, 360-426-4627, Shelton

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 360-652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 360-456-5571, Olympia

4th Saturday - 10 AM - **Marysville** - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 425-335-5258, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Walt Winters, AA7TL, 360-692-8326, Bremerton

Semiannually - Saturday - 9:30 AM - **Olympia** - Olympia Center, 222 Columbia North - Contact John Steele, AA7WX, 360-491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - 253-845-7652

MINUTES

Radio Club Of Tacoma
Board Meeting Minutes
6 January 1999

The meeting was called to order at 7:30 PM by the President Roger Terwilliger, WA7ANJ. Other Board Members present were Chuck Souter, KA7HJN, Alan Hughes, KB7SVU, Worth Gurley, W7WG, Morel Guyot, W6LIX, Ed Root, KC7OKS, George Noble, KK7FM, and Nora Simmons, KC7JME. Guests present were Merle Handy, W7QLG, Bob Hager, W7SKI, Lou Simmons, KB7WDB, Al Burleson, K7HW, Dan Kelly, N7QWH, Bud Mitze, K7BUD, and Joyce Wennberg.

Treasurer's Report:

General	$ 2,581.64
Flea Market	3,632.86
WMFS Funds	7,627.50
Scholarship Memorial CD	3,143.77
Cash On Hand	0.00
Total All Funds	$16,985.77

Special Funds (included in the above report):

Scholarship Work Fund	$700.00
Repeater	$239.35
Packet	$311.54
License Class	$8.50
Door Prize	$30.00

Members Year To Date: 199

Correspondence: None

Committees:

ARES/RACES: Alan, KB7SVU, reported they were on flood watch for two and a half days in McKenna. There will be a hospital exercise on April 21 with Madigan Army Medical Center, McChord, and Mars. There will be a meeting on Jan. 16, 1999 at 1 PM, at Pierce County Airport. It will be held in the Blue BLDG.

Long Range Planning: A meeting will be held on January 11, 1999, at the Clubhouse.

Old Business: A motion was made by Morel, W6LIX, and seconded by Ed, KC7OKS to buy new tables for the classroom. The motion passed.

Elmer Board and Plaque in memory of Bill Shimmin will be ready soon.

New Business: A motion was made by Chuck, KA7HJN, and seconded by Alan, KB7SVU, to have Shirley's, N7QHW, and Al's, K7HW, signatures on the VE checking account. The motion passed.

Alan, KB7SVU, made a suggestion to have one general meeting a month and maybe starting the meeting one hour earlier.

Also the Doc Spike award needs to be defined.

The Budget was approved as published.

The meeting adjourned at 9:15 PM.

Respectfully submitted,
Nora A. Simmons, KC7JME, Secretary, RCT
Roger Terwilliger, WA7ANJ, President

Radio Club of Tacoma
General Membership Meeting
13 January 1999

President Roger Terwilliger, WA7ANJ, called the meeting to order at 7:30 PM. The Pledge of Allegiance was led by Ed Root, KC7OKS, and was followed by the introduction of everyone present.

Treasurer's Report:

Checking	$2,824.64
Flea Market	3,632.86
WMFS	7,627.50
Scholarship CD	3,143.77
Total	$17,228.77

Members: 219

Program: Jerry, W7BUN, presented the program. It was a video about the DX expedition to Raoul Island, in the Kermadec Island group. The call for the expedition was Z8RL.

Correspondence: None

Committee Reports:

Training: Pete, KK7QW, will be starting a code class on Thursday nights from 6 to 8:30 PM. Contact Pete, KK7QW.

ARES: There will be a hospital exercise on the 21st of April 1999 in Pierce County. Contact Alan Hughes, KB7SVU.

The Mike & Key Amateur Radio Club will hold their annual Flea Market at the Puyallup Fair grounds on March 13th.

The Antique Radio Group reported that they contacted Los Angeles on 20 meters using one of the old time radios.

The doorbell works at both the front and back doors at the clubhouse.

Hints and Kinks: Hal, W7EC, showed a one and one half volt meter he put together, to measure balance on antennas.

Merle, W7QLG, would appreciate some help in the selling of the books at the meetings.

Wade, WA7OHG, and Danny, W7TEL, won the Door Prizes.

The meeting adjourned at 8:30 PM

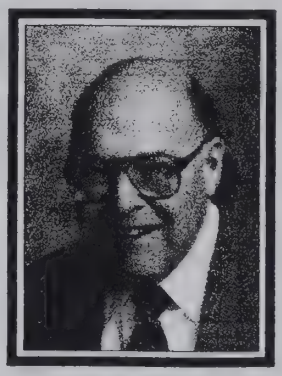
Respectfully submitted,
Nora A. Simmons, KC7JME
Secretary, Radio Club of Tacoma



◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet.



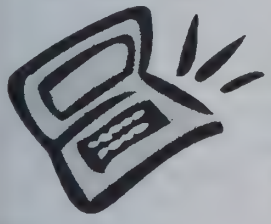
W7BUN

COOPERATION CURBS "WIRELESS MODEM" QRM

A maker of "wireless modems" and a cable TV company that's been installing the units across the US have told the ARRL they'll do whatever it takes to keep the devices from causing interference to amateur HF bands. The ARRL contacted the two companies after receiving reports from members of the Northern California Contest Club about 80-meter interference from the devices. The devices, manufactured overseas by Phonex Corporation of Midvale, Utah, operate under Part 15 of the FCC's rules. This means that they may not cause interference to licensed services.

"Although the Phonex has complied with required FCC regulations, the ARRL has identified a potential interference problem on the low end of the 80-meter band," said Phonex Senior Engineer Scott Bullock, KK7LC. "We have several hams in our organization, and we do not want to cause any interference to any amateur band."

Wireless modems are first cousins to wireless telephone jacks used to provide additional telephone jacks without wiring. Both are sold in pairs. One unit plugs into the telephone connection while the other serves as a telephone or modem jack; both plug into convenient ac outlets. The carrier-current devices impose RF on the power line to transmit data back and forth in the form of wideband FM.



Other units made by Phonex and sold as wireless extension telephone jacks under other brand names operate on 3.025 and 6.436 MHz, where they generally will not affect the ham bands. Unfortunately, the Phonex wireless modems operate on 3.52 and 8.27 MHz. Cable giant TCI has been installing these units in some subscribers' homes to make a convenient connection from the cable box to the telephone line to transmit billing information. Wireless modems transmit a continuous carrier on the lower frequency, whether the phone connection is in use or not, and on both frequencies when the remote line is in use.

The ARRL received reports in mid-December about persistent interference on the low end of 80 meters and on other bands. The interference, consisting of discrete, somewhat noisy and drifting carriers, typically showed up around 3520 to 3530 kHz, but harmonics have been reported as high as 20 meters. ARRL Lab tests verified that the devices pose a serious QRM problem on the lower part of 80 meters and possibly on other bands.

FCC rules permit the unlicensed devices to radiate signals on HF of up to 30 uV/meter, even on an amateur band. Device operators--TCI in this case--must correct any resulting interference, however.

TCI said it plans to eliminate the 3.52 MHz wireless jacks it's installed "as expediently as possible" by replacing them with 3.3 MHz units or by running a hard-wired telephone connection. TCI will immediately replace units that cause interference and automatically replace other 3.52-MHz units during routine customer service and plans to use nothing but 3.3-MHz units in the future. Hams experiencing harmful interference they believe is related to these devices should contact their local TCI office. TCI says it will be at least a few weeks before it has service information and replacement units on hand.

Phonex says it's made the necessary production changes to move the operating frequency of its units to 3.3 MHz. If one of its units causes interference, he said, Phonex will retune or replace it. Hams can contact Phonex Customer Service at 800-437-0101.

ALPHA/POWER BUYS RFCONCEPTS

Alpha/Power, a leading manufacturer of HF linear amplifiers, has purchased the RFconcepts product line of VHF and UHF amplifiers. All service and repairs now are being handled by Alpha/Power, which is headquartered in Longmont, Colorado. The sale price was not disclosed.

The deal included the RFconcepts name and product line as well as inventory, current and non-current designs and manuals, finished goods, tooling, and vendor and dealer lists. Kantronics President Phil Anderson, W0XI, had announced in September that he was looking for a buyer for the company's RFconcepts product line, saying it "does not fit within our strategic plan for the future." Kantronics had bought the RFconcepts division in 1989 and moved it from California.

For the time being at least, Alpha/Power will continue to market RFconcepts products through the same dealer network. Alpha/Power expects to be manufacturing new products under the RFconcepts name by early 1999. A spokesman said Alpha/Power would be working with Kantronics to ensure a smooth transition. "We feel like it's a really good fit for our product line," he said of the RFconcepts purchase.

For more information, contact Alpha/Power, 14440 Mead Ct., Unit B, Longmont, CO 80504; 970-535-4173; http://www.Alpha-Power-inc.com

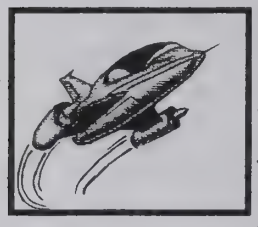
ISS HAM GEAR INCHES CLOSER TO SPACE

The first Amateur Radio gear to be used on the International Space Station has moved a bit closer to its

rocket ride into space. Although the inauguration of Amateur Radio aboard the International Space Station--ARISS--is at least a year away, the so-called Phase 1 ham gear is on a tight proveout and delivery schedule and is due at Kennedy Space Center in Florida by January 20.

Delays in the ISS program have put off the first crew deployment until next January. The first crew will consist of US astronaut William M. Shepherd, as the expedition commander. Shepherd is studying for his ham ticket. Accompanying him will be Russian cosmonauts Yuri Gidzenko and Sergei Krikalev, U5MIR. All three have previous space flight experience. The crew has been training for their launch on a Soyuz vehicle and a planned five-month mission on the ISS.

The interim ISS ham gear package will consist of Ericsson 2-meter and 70-cm handheld transceivers set up for FM voice and packet operation, plus power supplies, cables, and accessories. Ericsson donated the commercial transceivers for the project, while the Italian ARISS team is providing the external antennas.



At this point, the equipment and accessories have been checked out in an end-to-end integration. Additionally, the transceivers have undergone EMI testing to ensure that they will not cause problems for other ISS onboard equipment. The radios also still must be programmed and labeled in accordance with NASA procedures and protocols for space flight. AMSAT members who happen to work for NASA at Goddard Space Flight Center have been doing the EMI testing.

Preparing to carry Amateur Radio gear for use aboard the ISS involves careful attention to detail all along the way. Crew safety is the primary consideration, but cost and crew time--and aggravation--also are important. "Because of the high cost of space travel, it's critical that hardware be thoroughly tested and documented," said Will Marchant, KC6ROL, AMSAT's human spaceflight hardware manager. "Flight crews frustrated by buggy hardware are also less likely to want to participate in Amateur Radio operations."

The qualification process also requires multiple versions of the same equipment. In this case, six complete hardware systems will be fabricated and configured. The complement includes one flight system, a flight spare, systems for training both in the US and in Russia, one for development and testing, and one spare.

ARRL Educational Services Manager Rosalie White, WA1STO, a member of the Space Amateur Radio EXperiment (SAREX) Working Group, said she was pleased that NASA was taking no chances during the qualification testing of the ham gear. "I think it's great that they're taking the time to do a detailed examination," she said.

Getting Amateur Radio a permanent berth in space aboard the ISS has involved efforts in several countries. The primary players include the US, Russia, the UK, France, Germany, Italy, Canada, and Japan. "The ARISS team is truly an international, democratic, organization and is cooperating to provide human spaceflight Amateur Radio operations to the entire ham community well into the next decade," said Marchant.

Amateur Radio has been manifested aboard the ISS as "necessary crew equipment." The cost of providing just the interim Phase 1 amateur gear for use aboard the ISS is expected to exceed $60,000. The total cost of putting Amateur Radio aboard the ISS is expected to approach $700,000, with funds coming from the ARRL and AMSAT as well as from NASA.

Still unclear at this point are the actual frequencies and the call signs the crew will use from the ISS. The ultimate ISS ham radio complement--Phase 3--will include equipment to operate from HF through the microwave bands with SSB, CW, FM, packet, ATV, compressed ATV, and SSTV capabilities. The German team will supply a digitalker and full duplex repeater. Once aboard the ISS, Amateur Radio will serve as an educational tool through worldwide school contacts and as an outreach to the general public.

K9JF APPOINTED NORTHWESTERN DIVISION VICE DIRECTOR

James E. Fenstermaker, K9JF, of Vancouver, Washington, is the new Northwestern Division Vice Director. ARRL President Rod Stafford, W6ROD, announced the appointment January 6, following the recommendation of Northwestern Division Director Greg Milnes, W7AGQ, and certification of eligibility by the Election Committee.

Fenstermaker, 53, fills the position left vacant when Milnes, the former vice director, succeeded Mary Lou Brown, NM7N, as director. Brown died suddenly December 3. Fenstermaker's term expires January 1, 2001.

"I am excited to have the opportunity to serve the US Amateur Radio community as the Northwestern Division Vice Director," Fenstermaker said.

A ham since 1959, Fenstermaker was first licensed as KN9TZH. A DX enthusiast, he's also operated as DL5JF, OJ0SUF, and VP2V/K9JF. He's on the DXCC Honor Roll with 354 countries, 5BWAZ, 5BDXCC, and 160 Meter DXCC, as well as numerous contest honors. He's past president of the Clark County Amateur Radio Club and the Willamette Valley DX Club.

On the professional side, Fenstermaker is director of business services for the Parkrose School District in Portland, Oregon. He's a graduate of Anderson University and Indiana University and holds an accounting certificate from Portland State University.

Fenstermaker hopes to attend his first ARRL Board meeting in Houston, Texas, January 15-16. Members may contact him via e-mail at k9jf@arrl.org

FCC ASSIGNS RM NUMBER TO ARRL PETITION

The FCC has assigned a rulemaking petition ("RM") number to the League's petition for low-frequency allocations at 136 kHz and 160-190 kHz. The number is RM-9404. Those commenting on the petition should refer to this number when filing comments with the FCC.

Among those commenting to date is Texas Instruments, which markets RF identification products such as the Mobil SpeedPass that operate in the 121-134.2 kHz range.

FCC OFFICIAL MEETS HAMS ON THEIR OWN TURF

The FCC's Amateur Radio enforcer, Riley Hollingsworth, K4ZDH, turned up in an unexpected place January 13--75 meters! In what could be an unprecedented move, Hollingsworth, legal advisor for amateur enforcement within the FCC's Compliance and Information Bureau, showed up on 3894.5 kHz to discuss enforcement and encourage compliance.

"A couple of them were pretty shocked," he said. "This has never been tried before," Hollingsworth said the next morning. He said he broke in on an argument that was growing increasingly nasty in an effort to settle things down, then stayed to discuss enforcement with the hams on frequency.

Hollingsworth says he thinks one key to compliance is just getting people to listen to what he has to say. "Most people, if you can just get to them on a one-to-one basis, they'll listen," he said, reflecting his overall enforcement approach to attempt to reason violators into voluntary compliance rather than writing them up. During his time on the air, Hollinsgsworth confronted one individual he'd already been in touch with about alleged on-air misbehavior.

Among other things, he told those on hand that noncompliance and inappropriate on-air behavior could even threaten the hobby's HF allocations. Hollingsworth advised hams to be more tolerant and patient and to avoid confrontation or retaliation.

"We all have to realize we're on a mission here--to save Amateur Radio," he said the day after his 75-meter appearance. "There are going to be licenses lost and fines owed." The jammers already are well on their way to "hanging themselves" right now, he said.

Even as he preached better behavior, Hollingsworth says he understood from the others on frequency that someone was attempting to jam his signal. "I hope the monitoring folks were on the frequency too," he said.

Hollingsworth advised the hams on 75 to contact him with enforcement problems, and he gave out his e-mail address and telephone number (rholling@fcc.gov; 717-338-2502). "I don't know what effect it will have," he said of his on-air foray. Hollingsworth says he'll "do what it takes" to improve amateur compliance and that could include future on-air visits with amateurs.
"I've gotten a lot of feedback this morning by phone and e-mail asking me to do it more often," he said. "We'll be listening more and asking to be allowed in QSOs more."

Hollingsworth, who's based in Gettysburg, Pennsylvania, took over the FCC's most recent Amateur Radio enforcement initiative last September.

FCC WARNS ALLEGED MAJOR AMATEUR OFFENDERS

The FCC has issued strong warnings to two amateurs in Indiana and a third in New York who are on the Commission's top ten list of alleged major amateur offenders. The FCC's amateur enforcement point man, Riley Hollingsworth, K4ZDH, says the warning letters sent earlier this month are the last step before the FCC initiates formal enforcement proceedings. One case primarily involved malicious interference on VHF repeaters, while the other two involved interference to an HF net.

"We have been cutting bait a while, now it's time for us to fish," said Hollingsworth, the legal advisor for enforcement within the FCC's Compliance and Information Bureau.

The FCC did not make the names or call signs public, but Hollingsworth said all those who received the letters were put on the FCC's Alert List with FCC field offices. "The Alert List is the FCC equivalent of an all-points bulletin," Hollingsworth explained. He said Field Office monitors would be making a special effort to listen for further violations by stations on the Alert List.

Since taking over Amateur Radio enforcement within the CIB last fall, Hollingsworth says he's sent out dozens of warning letters of a much milder nature. "Now, we're distilling that activity to the worst offenders," he said of the latest epistles. Hollingsworth indicated that similar actions were imminent in other major cases of alleged amateur rules infractions. He also said he has sent out another three dozen or so routine warning letters "generally based on a collection of complaints received over the holidays."

The letters sent out January 7 and 8 spell out the agency's expectations in no uncertain terms. In the case of the alleged HF offenders, Hollingsworth's letters state that the Commission "has additional evidence that you have been deliberately and maliciously interfering with the operations of other licensed amateurs," primarily a 75-meter net. Both hams--whose cases are related--already had received official Notices of Violation last fall for similar conduct, and the FCC had imposed restricted operating hours on one of them. But the FCC says that the troublesome behavior has continued.

Hollingsworth said the alleged illegal activities not only put the hams' licenses in jeopardy but open them up to possible fines and even put transmitting equipment at risk of seizure. He said he also has cautioned the controllers of the net involved to not engage hecklers or those attempting to harass or interfere, nor to call up the net on a busy frequency. "One thing these nets have to understand is that the nets don't own the frequency," he said.

The case of the alleged VHF offender had a similar pattern. The amateur license of the ham in question already had been suspended at one point, but violations are said to have continued, even during the suspension period. Beyond amateur violations, Hollingsworth said that the FCC's evidence indicated the amateur had threatened FCC employees and others. He told the ARRL that additional warning letters went out to eight other individuals whom he described as "cohorts" to the alleged prime VHF offender.

Hollingsworth requested that all of the amateurs contact him immediately to discuss the allegations. After a lengthy telephone conversation with one of them, Hollingsworth expressed optimism that the situation

would be resolved.

In an unrelated case, Hollingsworth recently mailed warning letters to six individuals in the Pittsburgh, Pennsylvania, area regarding alleged malicious interference on VHF.

ARRL E-MAIL ADDRESSES TO BE AVAILABLE TO MEMBERS

ARRL members soon will be able to announce their ARRL membership through their e-mail addresses! Starting February 1, 1999, a new membership service will be available for those wishing to have an ARRL e-mail address, and you won't have to switch e-mail services to do it. Not only that, but it will be free-of-charge to League members!

The new, personalized League e-mail addresses will consist of the member's call sign @arrl.net. Electronic mail sent to the address automatically will be forwarded to any e-mail account you choose.

As long as you remain an ARRL member, you'll never have to notify people of an address change--even if you change Internet service providers.

As soon as the service becomes available, members will be able to sign up quickly and easily through the ARRL Members Only Web Site. If you are not already registered for the Members Only Web Site, you can do so at http://www.arrl.org/members/.

QSLing up

Ham radio numbers may be off, but DX QSLs are up, probably due to improved propagation. The ARRL QSL Service reports it handled 1,596,740 QSLs during 1998, including cards to incoming US bureaus. This is a 15% increase (218,500 cards) from the 1997 total.



CHECK IT OUT!

RCT Web Page:
www.mashell.com/~roblee/rct.htm

RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.
SIZES Small through XL ARE $36, XXL ARE $40 AND XXXL ARE $43.00.
GET ONE NOW!
Call Shirley, N7QHW, at 253-265-3661, to order yours today!

Editor's Notes

E-Mail address:
kathleen@naceplace.com



Please note NEW E-MAIL ADDRESS

Hello from central CA!
The kite makers retreat was a great success! We had 2 days of mostly nice weather, much better than last year's horizontal rain! Met another club member, Al Fernandez, KA7CZB, there too. It IS a small world! We made kites, a beach banner, a kite bag, and Roger got into applique. We are looking forward to next year! Monday (25th) we headed back to I-5 and southern OR before heading over the Siskiyous into CA. Tues. we woke to light snow, so we hurried to head out and get over the hill. Visibility got down to about 3 car lengths for parts of the adventure. There was some snow pack but fortunately no call for traction devices! I got my first chance at snow driving as Roger was sick and slept most of the day. The rig just kept right on keeping on! After some rest here to recover from the colds that have settled in, we will head for the LA area and on to AZ. The next newsletter will be done while we are in Phoenix.

Some notes about this month's newsletter — I didn't get this month's contest calendar downloaded from the ARRL web page before we left so it is missing this month. If you have internet access or a friend who does and want to get the contest info, the web address is www.arrl.org/contests.

Thanks to all the folks who contribute to the BARK on a regular basis. With out them doing their bit every month we would not have much of a newsletter. Please pass on your thanks too!

See you next month some more miles down the road... 73, Kathleen, NØEYK.

RADIO CLUB OF TACOMA
PO BOX 11188
TACOMA, WA 98411-0188

[ ] NEW MEMBER (ONE APPLICATION PER MEMBER)

[ ] RENEWAL (ONE RENEWAL FORM PER FAMILY OK)

MEMBER CATEGORY: [ ] FULL [ ] SENIOR [ ] ASSOCIATE [ ] FAMILY [ ] LIFE [ ] STUDENT [ ] REINSTATEMENT

Name_____ Call_____ Class_____ Birthday_____

Address_____ City/State_____

Zip+4_____ Home Phone(____)_____ Work Phone(____)_____

e-mail _____ Publish phone number/e-mail in the Club Roster? Yes [ ] No [ ]

Former Call(s)_____

Are you a Volunteer Examiner Yes [ ] No [ ] If Yes, which VEC_____

Occupation (or former occupation)_____ Employer_____

Are you a member of: ARRL [ ] ARES/RACES [ ] MARS [ ]

FAMILY MEMBERS NAME, CALL, AND LICENSE CLASS (RENEWALS ONLY)

_____

_____

_____

THE RADIO CLUB PARTICIPATES AND SUPPORTS THE FOLLOWING ACTIVITIES EACH YEAR. PLEASE MARK THE BOX IN FRONT OF THE ACTIVITY OR ACTIVITIES THAT YOU WILL HELP SUPPORT. WE URGENTLY NEED YOUR HELP AND SUPPORT, PLEASE CONSIDER AT LEAST ONE ACTIVITY THAT WE CAN COUNT ON YOU TO SUPPORT.

[ ] AWARDS BANQUET
[ ] FIELD DAY
[ ] FLEA MARKET
[ ] BOOTH AT THE WWA FAIR
[ ] SWEEPSTAKES IN NOVEMBER
[ ] VE TEAM
[ ] LOGGER'S BARK MAILING PARTIES
[ ] TEACHING CLASSES
[ ] SCOUTS JAMBOREE IN OCTOBER
[ ] ARES/RACES
[ ] N KITSAP FLEA MARKET
[ ] OTHER MISC CONTESTS
[ ] MIKE & KEY FLEA MKT

Other hobbies, expectations, comment:_____

Do you own a computer? Yes [ ] No [ ] If so, what type?_____

How did you hear about the Radio club?_____

Seven dollars ($7.00) of your annual dues is the subscription fee for the Club's monthly newsletter(The Logger's Bark).

Club badges are available for $9.00. If you would like a badge, please PRINT the following:

Badge Name_____ Badge Call Sign_____

Applicant's Signature_____ Date_____

ANNUAL MEMBERSHIP DUES: FULL OR ASSOCIATE MEMBER $30
FAMILY MEMBER (AT SAME ADDRESS, FIRST TWO) $15 EACH (ALL ABOVE 2 ARE FREE)
SENIOR MEMBER (65 AND OVER) $25 FULL-TIME STUDENT (UP TO AGE 25) $15
LIFE MEMBERSHIP = 20 TIMES ANNUAL DUES (PAYMENT PLAN AVAILABLE)

FOR RCT USE ONLY

Dues received $_____ Treasurer's initials_____ Date_____

Badge fee rcvd $_____ Treasurer's initials_____ Date_____

RCT Number_____

3/99

MAR 12 1999

THE LOGGER'S BARK
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COMING EVENTS



MAR 3 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

MAR 6 - Pinochle Potluck, 7 PM, Clubhouse

MAR 9 - License Exams - 7 PM - Clubhouse

MAR 10 - Club Meeting - Library Administration Center, 7:30 PM
Program: Phase 3D Integration Lab

MAR 15 - BARK deadline (please be as on time as possible!)

MAR 24 - Club Meeting- Library Administration Center, 7:30 PM
Program: Kenwood's New Technology Radios

Support OUR club - Attend meetings, volunteer, elmer.

Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
See page 3 for meeting program schedule.

TOP 'O THE MORNIN'

March 1999

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 *ALF KB7QFT WINDY MARCH	2 7:30 PM RCT NET 147.28R *BILL KL7BB *DAN N7LSO FULL MOON	3 7:30 PM RCT BOARD MTG *BUD N7HKS	4 *JONATHAN KC7VUQ	5 *JAMES KC7ETS *RAY KJ7SM	6 9:00 AM OPEN HOUSE 7:00 PM PINOCHLE POTLUCK *EDWARD W7EBF ARRL INT'L DX SSB CONTEST
7 *JIM W7CSX *STEVE KC7AZW ARRL INT'L DX SSB CONTEST	8 *GIL KD7CZK *JAMES N7DKI *LINK N7CEO	9 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R *AL K7PUC *GEORGE KD7DOT	10 *FRANK KD7AC *VIVIAN *WAGNER N7COT RCT MEETING 112TH ST E & WALLER RD	11 *BETTY KC7ACY *DAN AJ7K	12 *BOB KD7IBU	13 9:00 AM OPEN HOUSE MIKE AND KEY FLEAMARKET
14 *BYRON KA3CUK *ROY KA7X	15 *JOANNE WA4KZQ BARK DEADLINE	16 7:00 PM MVWS LICENSE EXAMS 7:30 PM RCT NET 147.28R *ERIC WA7GHE *JERRY W7JC	17 HAPPY ST PATRICK'S DAY NEW MOON	18 *BILL KC7AKY	19	20 9:00 AM OPEN HOUSE
21 *AL K5EAF SPRING IS HERE	22 *PAUL KC7MKL	23 7:30 PM RCT NET 147.28R *HELEN W7WRI	24 *ALICIA K7EXS *ANDREW KB7DOX *ROBERT N7AHR RCT MEETING 112TH ST E & WALLER RD	25	26 *LUCILLE NB7T *MOREL W6LIX	27 9:00 AM OPEN HOUSE CQ WW WPX CWD CONTEST
28 *EDITH KB7KSY CQ WW WPX CWD CONTEST	29 *GLENDA	30 7:30 PM RCT NET 147.28R *FLOYD KC7EEZ *LESLIE N7QWJ	31 *JAMES WL7BOT FULL MOON			

February 1999

S	M	T	W	T	F	S
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14	15	16	17	18	19	20
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28						

April 1999

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25	26	27	28	29	30	

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

VOL. XXXVI NR. 3 W7DK MARCH 1999

FROM THE PRESIDENT



WA7ANJ

Things are looking better as the year rolls on. We seem to be generating more involvement, cameraderie, SPIRIT in the Radio Club. Recent turnout at a Long Range Planning Committee meeting produced some updated responses to questions asked several years ago. Like re-hab of the clubhouse, specialized training classes, more "events", youth groups, etc. The meetings are doing coffee and cookies, door prizes, GREAT programs, more involvement by the members. I like it when the members join in the programs and "show 'n' tell" or give a talk. Hey, we may be starting to have FUN with Ham radio! That's what it's all about.

If you haven't played with the sunspots lately, you're missing a lot. I know, some of us aren't interested in DX or contesting, but it's always a shock - even after 40 years - to hear a signal like a mobile in your driveway, and find out that it's an operator on the other side of the planet! For those who would like to have a go at it, but are unable due to lack of equipment, wrong license class, whatever, call me - or the club on Saturday morning open-house - and we'll find a way to share the excitement! "Come on down!"

"What do I get for my dues?" The answer comes from YOU! Tell us what you can't live without, and we'll do our best to fix it! The board, and some committee members, are starting to provide good project / training ideas ... we'll get there. Join in and lend a hand - make less work - and more fingerprints to spread the blame. Have FUN with Ham Radio! 73, Roger

IN THIS ISSUE...

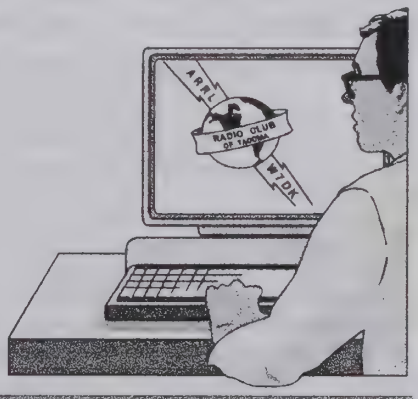
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▶ **ARRL NEWS - READ IT!** - Page 8

▶ **CONTEST CALENDAR** - Page 5

▶ **New Weekend Tech Class** - Page 13

▶ **Our Sailing Hams** - Page 11



CHECK IT OUT!

RCT Web Page:
www.mashell.com/~roblee/rct.htm

RADIO CLUB OF TACOMA – 1998

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PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

***THE LOGGER'S BARK*, OFFICIAL PUBLICATION OF THE RADIO CLUB OF TACOMA, IS PUBLISHED MONTHLY BY W7DK PRESS, PO BOX 11188 TACOMA, WA 98411. THE PUBLICATION IS MAILED FROM TACOMA, WA 98411 UNDER 3rd CLASS BULK, NON-PROFIT ORGANIZATION, US. POSTAGE PAID TACOMA, WA. PERMIT #1078.**

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma
147.28 / .88 MHz 144.97 - Packet
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Reinstatements

Address/Phone Changes/Corrections

Don and Marie Irvin, KD7DOR and KD7DOQ
Change address: 10221 122nd St NW
Everything else is correct

Ray Pedersen, W7KFN
3380 Narrows Ln NE
Bremerton, WA 98310-2297
360-405-1320

Russell W Donahue, KC7EKI
7533 66th Ave W
Lakewood, WA 98499-8160
253-984-7130

E-Mail Address Changes/Additions

k7etu@arrl.net

New Calls/Upgrades

Art Little, was KC7RPG, now K7AML
John Martens was KC7MKK, now K7JWM
Jill Stearns was KC7PSQ, now K7JIL

Silent Keys

Bill Deatherage, WA7SCN, past president, RCT



FOR SALE

Kenwood TS-520-S Excellent Condition $325.00
SP-520 Speaker $40.00
(NEW) MFJ-949E Antenna Tuner $75.00
MC-50 MIC $45.00

Contact Jack, W7IMW 253-564-3997

COMING PROGRAMS AT RCT

MARCH 10TH - Phase 3D Integration Lab. Take a close up view of the amateur satellite of the future -- Phase 3D – described by the very folks who have designed and assembled it. Located in a laboratory near Orlando, FL, the scientists and engineers show all the in and outs of testing the satellite, in preparation for its launch.

MARCH 24TH – Kenwood's New Technology Radios. Find out the details about the latest Kenwood radios, The TH-D7A Data Communicator is a VHF/UHF transceiver with a packet TNC built in, as well as the ability to perform APRS (Automatic Packet Reporting System) functions. Also be introduced to the VC-H1 Visual Communicator which is a complete Amateur Slow Scan Television (SSTV) station in one unit.

APRIL 14TH – Slow Scan Television - Now that we've had a presentation of Amateur Television (ATV) in February. Norris, W7LAP, from Tukwila will demonstrate equipment that only produces still pictures, but unlike ATV can be used on the HF bands due to the narrower bandwidth of the signals. If you've ever wondered what the chirping signals were near 14,230 MHz, you'll discover that SSTV signals are being sent worldwide.

APRIL 28TH – ICOM America – Rick Felt from ICOM America in Bellevue will demonstrate the latest in ICOM's line of Amateur Radio equipment. Rick will tell us what the immediate future promises in new technology and features. There will be several newly introduced radios at the presentation.

MAY 12TH - To be announced
MAY 26TH - To be announced

JUNE 9TH – AARL Vice Director and DXpedition to Tortola, Jim Fenstermaker, K9JF, from Vancouver, Washington, will be introduced as the new ARRL Northwestern Division Vice-Director. Jim will briefly talk about the latest news from the ARRL, and then narrate a slide program about his recent Dxpedition to Tortola Island in the Caribbean.

JUNE 20TH – Family Picnic/Potluck, games, and pre-Field Day exercise at McChord's Holiday Park.

JUNE 23RD – Final plans for Field Day 99.

JUNE 25-27 – Field Day



PINOCHLE

at the Clubhouse
1249 So. Washington
1st Saturday, March 6th
Pinochle & Potluck - 7pm
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898

RCT DUES INCREASE CLARIFICATION

At the November Board of Directors meeting, I (N7QHW, Treasurer) presented to the Board a recommendation for increasing the Radio Club Dues because our expenses have increased to the point that we are using our savings to manage the club. The Board felt that our dues should cover the regular maintenance of the club and our savings should be for the bigger and unplanned expenses like new roofs, equipment, etc.

As a result, effective January 1, 1999, the dues will be as follows:

FULL $30.00
FAMILY $15.00 EACH for the first two family members, all above two are at no additional charge
SENIOR $25.00
ASSOCIATE $30.00
STUDENT one half of Full rate
LIFE 20 times your current rate of dues

ARES/RACES



This winter has brought lots of rain and snow which also brings the possibility of flooding with it. I feel that we have been fortunate to have had as little flood watch going on as we have but the possibilities still exist so please keep your eyes and ears open and volunteer when needed. Check into the weekly ARES/RACES Communication Net on each Tuesday at 7:00 PM on the 145.37 WC7AAO repeater for up to the minute information. The tone is removed for the net so no one has to worry about not getting in.

Some things that will be happening in the near future are March of Dimes Walk, MS Walk, a hospital exercise occurring on April 21, 1999 and the Daffodil Parade. This is what I know of for the immediate future but if you want to get more definite information, please contact Stan, N7KMF, or Nana, N7OIX, at 253-845-9023. They really need your help so please consider participating in at least one event each year.

There are other leadership positions and a hospital leadership position still available. If you can help with any of the leadership positions, contact Alan, KB7SVU, at 253-840-4947 or Bob Tilley, KB7NBQ, at 253-875-0755.



N7QHW

For those of you who already have a card, remember, check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Alan or Shirley.

If you have not joined ARES/RACES and would like to, contact Alan, KB7SVU, ARES Emergency Coordinator and RACES Radio Officer at 253-840-4947 or see Shirley, N7QHW, at any Radio Club of Tacoma meeting for an application.

73 and again thanks for volunteering
Shirley, N7QHW

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(206) 471-1000
(800) 585-8500

AJ7Y

DOUGLAS K. SMITH
Attorney at Law
102 Tacoma Mall Plaza
2702 South 42nd Street
Tacoma, Washington 98409

Radio Club of Tacoma License Exams

MARCH 9, 1999

7 PM RCT Clubhouse
1249 S Washington in Tacoma
Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.25. For information call: Al Burleson, K7HW @ 253-474-9023

SECOND BYTE
NEW & USED MS-DOS COMPUTERS



ACCESSORIES,
PERIPHERALS,
AND UPGRADES

N7ARO

Roy Richards
642 NE Woods Ct.
Bremerton, WA 98311
Voice/Fax: (360) 479-2619
E-mail: 2ndbyte@kendaco.telebyte.com

u u u ADDRESS CHANGES t t t

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to Shirley, N7QHW, @ 253-265-3661.

INTERESTED IN EARLY RADIO AND TECHNOLOGY?

The Bellingham Antique Radio Museum has the following for any of you out there interested in Antique Radio. Examples of early radio and associated technology A library of early books and magazines devoted to the beginning of radio and television. A WWW site devoted to radio and the collection held by the museum can be founf at www.antique-radio.org An educational outreach program providing teacher aid in understanding radio and its place in American history. A loan program for teachers so that they may demonstrate historical items in the context of current curriculum. A yearly symposium which will provide students, teachers, and the general public with a chance to learn about radio, past, present and future.

The address is Bellingham Antique Radio Museum
1315 Railroad Ave
Bellingham, WA 98225

CHECK IT OUT!



CONTESTS



WITH AMATEUR RADIO

6-7
ARRL International DX Contest, phone.

13-14
QCWA QSO Party
Wisconsin QSO Party
Missouri QSO Party
World Wide Locator Contest

16-17
CLARA and Family HF Contest

20-22
Alaska QSO Party
Virginia QSO Party
Ohio Winter QSO Party
Bermuda Contest

28-29
CQ WW WPX Contest, phone

Want more info, check **www.arrl.org/contests**

This may be your LAST BARK if you have not paid your 1999 dues...

Dues are in arrears if you have not paid by December 31 of each year. Dues can be mailed to the Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411 or pay them in person at any club meeting to the club Treasurer.

There is a Dues Renewal Form later in this issue of the Bark. When you renew, please fill out the form and include it with your dues payment so our records can be as up to date as possible. Thank you very much.

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will not forward Third Class Bulk Mail.

MINUTES

Radio Club Of Tacoma
General Membership Meeting
27 January 1999

The meeting was called to order at 7:30 PM by the President Roger Terwilliger, WA7ANJ. The flag salute was led by Chuck Souter, KA7HJN and was followed by the introduction of everyone present.

Treasurer's Report

Checking	$2,552.07
Flea Market	1,456.56
WMFS	9,803.80
Scholarship CD	3,143.77
Total	$16,956.20

Members 245

Program: Video on standing wave ratio. It was presented by Jerry, W7BUN. ICOM canceled.

Committees:

ARES: A medical exercise on April 21.

Flea Market: The Flea Market will be held at the Pierce County Fairgrounds on September 11,1999.

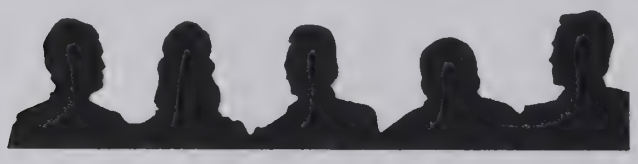
Tuning and Traffic: South America, Far East, and Europe were open.

Classes: Jerry, W7BUN, will be starting a Extra Class in February.

Tom, N7QHX, suggested the Club think of going to Mt. Saint Helen for the 20th Anniversary of the eruption. It will be in the year 2,000.

Tac-1, the support unit for the Pierce County Sheriff, is looking for volunteers. If interested contact John English, KC7OQW.

Meeting adjourned at 8:30 PM
Respectfully submitted,
Nora A. Simmons, KC7JME
Secretary, Radio Club Of Tacoma



Radio Club Of Tacoma
Board Meeting Minutes
3 February 1999

The meeting was called to order at 7:30 PM by the President Roger Terwilliger, WA7ANJ. Board Members present were Alan, KB7SVU, George, KK7FM, David, WB7AVJ, Chuck, KA7HJN, Worth, W7WG, Morel, W6LIX, and Nora, KC7JME. Guests were Al, KC7YGC, Shirley, N7QHW, Tom, W7QHX, Chuck Hicks, WY7V and Dick, W7RGD.

Correction to the Board Meeting Minutes of 6 January 1999. Alan, KB7SVU, didn't suggest starting meeting one hour earlier. The comment was made by Roger, WA7ANJ.

Treasurer's Report

General	$2,863.11
Flea Market	1,272.56
WMFS Funds	9,987.80
Scholarship Memorial CD	3,143.77
Cash	0.00
Total	$17,267.24

Members 254

Committees:

Flea Market: It will be held at the Pierce County Fairgrounds on Sept. 11, 1999. There are kitchen facilities and plenty of parking.

Awards: Jerry W7BUN, is chairperson of the Awards committee.

Doc Spike Award: Jerry W7BUN, printed copies of the award for the Board Members It is an inspirational award. It has nothing to do with being educational or scientific.

ARES: Nothing going on for awhile.

DK at the Beach: Bud K7BUD will be the chairperson for the event. It will be known as the Jim Kirkreit event. He will let us know the date as soon as he can.

Elmer Board: Jerry W7BUN, made a list of ten areas people might need help. The motion to accept was made by Chuck KA7HJN, and seconded by Ed KC7OKS. The motion passed.

Training: February class was canceled. Next class will be in March. Jerry W7BUN will be starting an extra class in February.

A motion was made by Morel W6LIX, and seconded by Worth W7WG, to allocate $100 for materials for the book shelves. The motion passed.

A motion was made by Chuck KA7HJN, and seconded by Worth W7WG, for $150 to be put in for the W7DK Christmas Party. The motion passed.

The meeting adjourned at 8:45PM
Respectfully submitted,
Nora A. Simmons, KC7JME
Secretary, Radio Club Of Tacoma
Roger Terwilliger, WA7ANJ, President



Radio Club Of Tacoma
General Membership Meeting
10 February 1999

The meeting was called to order at 7:30 PM by the President Roger Terwilliger, WA7ANJ. The flag salute was led by Merle Handy, W7QLG, and was followed by the introduction of everyone present.

Treasurer's Report

General	$2,568.00
Flea Market	1,272.56
Savings	9,987.50
Scholarship CD	3,143.77
Work Fund	700.00
Total	$17,671.83

Members 263

Program: ATV demonstration given by Gary L. Lewis, WA7BBJ.

Committees:

Training: The next Tech Class is on March 6 and 7 at the Clubhouse.

Jerry, W7BUN, is starting a full Electronics course starting in the fall and continuing till May.

DK at the Beach will be known as the Jim Kirkreit annual event. It will held on a Sunday in either May or June.

Mt. St. Helens: Stan Warburton, N7KMF, will be in charge of organizing the 20th anniversary of the eruption.

Rich Manson, N7ANF, is looking for help to put on a Mother's Day breakfast.

Al Burleson, K7HW, is the coordinator for the Western Washington 2M repeater Association.

The 440 repeater is going to be relocated.

There will be a mini field day and pot luck picnic on the 20th of June at Holiday Park on McChord Air Force Base.

Health and Welfare: Alan Allen, N7EAY, is home recovering from gall bladder surgery. We wish you a speedy recovery.

Tuning and Traffic: Campbell Island was contacted on 10M. Palestine is a new country to try and contact.

Meeting adjourned at 8:35 PM.

Respectfully submitted,

Nora A. Simmons, KC7JME

Secretary Radio Club Of Tacoma

RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.

SIZES Small through XL ARE $36, XXL ARE $40 AND XXXL ARE $43.00.

GET ONE NOW!

Call Shirley, N7QHW, at 253-265-3661, to order yours today!

BILL DEATHERAGE WA7SCN

William C. Deatherage, age 62, passed away peacefully at home on January 17, 1999. He was born December 24, 1936, raised in Tacoma and graduated from Lincoln High School. After being briefly employed at Boeing, Bill found his career at General Plastics Mfg. Co., in Tacoma and was employed there almost 40 years. He was a member of the sheet metal workers union; past president of the Radio Club of Tacoma; lifetime member of the Amateur Radio Relay League; past member of Tacoma Blue Barons motorcycle club; past vice president and active member of Westport Windrider's Kite Club; Served 9 years in the Naval Reserve. One of his greatest hobbies was building and flying kites. Bill was known for his ability to build anything he put his mind to and did so with joy. Bill is survived by his wife, Joella and several children and grandchildren. (from TNT, Jan. 19, 1999)

Bill was RCT President in 1975. He and Jerry, W7BUN, and Marv, KG7V, used to chase DX together. Quoting Jerry, "Those were the fun days!"

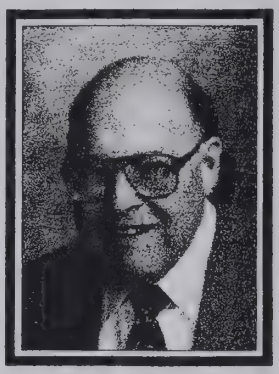


May you have good winds and sun spots, Bill!

◈ News from the ARRL ◈

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet and other sources.



W7BUN

KING HUSSEIN, JY1, SILENT KEY

Radio amateurs around the world joined in mourning the recent death of Jordan's King Hussein, JY1. Hussein, 63, died February 7. The Middle East's longest-reigning ruler, he'd been Jordan's king for 47 years, taking the throne when he was just a teenager. His son, Abdullah, 37, succeeds him.

Hussein had earned a reputation as a catalyst for peace and as a conciliator in the Middle East. President Clinton was among the heads of state from around the globe who gathered in Jordan February 8 for Hussein's funeral.

Hussein had been an active ham in recent months from the US while seeking cancer treatment at Minnesota's Mayo Clinic. A QSO with JY1 was considered by many hams to be both an honor and a privilege. His elegant QSL card was prized.

Hussein was a life member of the ARRL. ARRL Executive Vice President David Sumner, K1ZZ, called him "an enthusiastic radio amateur whose support was invaluable to us in obtaining new amateur bands at the 1979 World Administrative Radio Conference."

Note from W7BUN: If you have Internet capability, the following URLs are available - to view a JY1 QSL card: www.amsetnet.com/jy1.html and to view a signed photograph of King Hussein and a photo of his ham shack: users.pandora.be/egbert.hertsen/index.htm. Another URL can be used to see great pictures of King Hussein: http://www.kinghussein.gov.jo/ Go to the hobbies section to find a picture of him in his ham shack.

FCC CITES ILLEGAL SHORTWAVE BROADCASTERS

The FCC has sent violation notices to two hams who-the FCC alleges-had used their stations to engage in illegal shortwave broadcasting on 6955 kHz. Cited were Henry L. Landsberg, WB6MEU, of Sierra Madre, California; Richard F. Jurrens, KC5RGK, of Katy, Texas; Roger R. Hanna, of Glendale, Illinois. The FCC also released the names of two nonhams notified last fall in the wake of similar, alleged operations.

The FCC noted that civil penalties for unlicensed operation can reach $11,000 coupled with forfeiture of equipment used. Unlicensed operators also face criminal fines of up to $100,000 and could be sent to prison."

MORSE FEATURED ON NPR TALK PROGRAM

The continuing use of Morse code among the Amateur Radio community as CW is phased out for maritime use was featured on National Public Radio's Talk of the Nation, Science recently. The ARRL's Jennifer Hagy, N1TDY, worked with NPR staff to secure interviewee Les Kalmus, W2LK, for the live, half-hour talk show. Members who heard the show report that Amateur Radio was shown in a very positive light and that callers interested in getting their ham radio licenses were referred to the ARRL. The program is available on the Internet via "RealAudio."

FCC DISMISSES EXTRA-CLASS APPLICATIONS; CONTINUES INVESTIGATION

While it continues its investigation into alleged "irregularities" in the administration of two exam sessions in Pennsylvania, the FCC has dismissed the pending Amateur Extra-class applications of four individuals. Letters went out in late January to Elmer Smith, N3UNR, of Effort, Pennsylvania; Kenneth Sharp, AA3RU, of Boyertown, Pennsylvania; Philip DiGenova, N3UNS, of Bartonsville, Pennsylvania; and Wayne Bowden, formerly AA3RT, of Millsboro, Delaware. The FCC last fall had set aside the four Extra-class grants while it looked further into the matter.

"The Commission discovered irregularities in the administration of the examination by the Volunteer Examiners," advised FCC Legal Advisor for Enforcement Riley Hollingsworth, K4ZDH, in letters sent January 27. "Serious questions about the examination process remain, and therefore your appli-

cation for an Extra Class license has been dismissed." The FCC plans to continue its probe into alleged testing irregularities at the two W5YI-VEC sessions, including allegations that examinees might have been coached or given test answers.

FCC'S HOLLINGSWORTH IS NET GUEST

The FCC's point man for Amateur Radio enforcement, Riley Hollingsworth, K4ZDH, put in a guest appearance January 29 during a session of the South Carolina Single Sideband Net on 75 meters. "They contacted me and asked me if I'd take a few minutes to talk with them," said Hollingsworth, who's a South Carolina native.

Hollingsworth said he told those gathered for the net "where we've been, where we're going, and what we're trying to accomplish" in terms of ham radio enforcement. He said he expects to return to the airwaves from time to time and welcomes invitations from other organized nets. (His e-mail address is rholling@fcc.gov). Hollingsworth's unannounced and unexpected appearance on 3894.5 MHz January 13 to discuss compliance and enforcement created a stir within the Amateur Radio community.

PALESTINE TO BE NEW DXCC ENTITY

Effective October 1, 1999, Palestine (E4) will be added to the DXCC List, Contacts made with E4 stations after February 1, 1999, will count for this new DXCC entity. Under the DXCC rules, contacts with the deleted entity of Palestine made prior to June 30, 1968, will not count for DXCC credit.

FCC COMES A CALLIN' IN THE CAROLINAS

FCC engineering and legal staff conducted unannounced Amateur Radio station inspections January 21 and 22 in North and South Carolina, reports FCC amateur enforcement honcho Riley Hollingsworth, K4ZDH.

"Commission personnel inspected the stations of John A. Abernethy, K4OKA, an Extra Class licensee in Hickory, North Carolina, and Richard Whiten, WB2OTK, a General Class licensee in Easley, South Carolina," Hollingsworth said.

In both visits, FCC officials were accompanied by local law enforcement personnel. Hollingsworth said both amateurs cooperated with the inspections, which lasted approximately two hours apiece. FCC officials said that both operators "were the subjects of many complaints about their operations on the 75 and 20 meter Amateur bands." The officials said the results of the inspections were "under review," and declined further comment.

LEAGUE SEEKS ULS CHANGES

The ARRL has asked the FCC to make some minor alterations to its impending Universal Licensing System rules. The ULS, being phased in by the FCC throughout 1999, will consolidate application forms and procedures for several FCC services.

In a petition for partial reconsideration, the League said it wants the FCC to continue to issue paper license documents; to come up with a way for applicants not having a Taxpayer Identification Number-typically a Social Security Number-to meet ULS requirements to provide one; and to include on Form 605 a section for Volunteer Examiners to certify that an applicant has met the requirements for a new or upgraded ham ticket. In addition, the League plans to ask the FCC to restore wording in Section 97.15(e) that references the limited federal preemption, PRB-1. The section was inadvertently deleted during the Commission's redrafting of the rules to accommodate the ULS changes.

ARRL E-MAIL FORWARDING SERVICE:

Starting February 1, ARRL members will be able to sign up via the Members Only Web Site (www.arrl.org/members-only/) for the League's new E-Mail Forwarding Service. The forwarding-or alias-service is available at no additional charge for ARRL members. It will provide members with a uniform "callsign@arrl.net" e-mail address that remains the same even if the user changes e-mail service providers. Details are available on the Members Only Web Site www.arrl.org/members-only/emailfwd.html. Use of the service does not affect usability of your original e-mail address, which will continue to be the one reflected in outgoing messages.

BOARD EMBRACES NEW TECHNOLOGY FOR AMATEUR RADIO'S FUTURE

The ARRL Board of Directors has adopted an initiative proposed by President Rod Stafford, W6ROD, to promote new technology in Amateur Radio. Meeting in Houston, Texas, January 15 and 16, the Board adopted Stafford's proposal to establish an Amateur Radio Technology Task Force to develop a strategy and plan for exploring new technologies and assessing their applicability and possible incorporation into Amateur Radio.

Northwestern Division Director Greg Milnes, W7AGQ, opened the Board's first 1999 session with a tribute to former Director Mary Lou Brown, NM7N, who died last December 3. The Board also observed a moment of silence in her memory.

EXECUTIVE COMMITTEE TO PONDER LEAGUE NAME CHANGE

The ARRL Board of Directors has asked the League's Executive Committee to develop a proposal to change the League's name to one that more clearly reflects the focus and purpose of the organization to hams and nonhams alike. The Board charged the Executive Committee to develop a name change proposal for consideration by the Board at its July meeting.

The now-obscure "Relay" part of the League's name often is the most troublesome to explain nowadays. It refers to the earlier practice, fostered by the League, of relaying long-distance message traffic from station to station in a time when direct contact was not always feasible. The Board's resolution said the League's current name no longer adequately reflects "the breadth of amateur radio" and that the ARRL needs a name that would "clearly reflect our focus and purpose-Amateur Radio-to those both inside and outside our organization."

NEW CANADIAN PREFIX

The territory of Nunavut comes into existence April 1, 1999, and with it, a new Amateur Radio prefix. Radio Amateurs of Canada has announced that Nunavut will get the prefix VY0 "to ensure a unique identification for the new territory." However, there are no plans to add the new territory to the list of ARRL November Sweepstakes multipliers. Nunavut will be comprised of the eastern portion of the present Northwest Territories. The new territory will be about five times the size of Alberta but has a population of just 24,000. The VE8 prefix will remain in use for the western Northwest Territories, which may get a new name as a result of the partitioning. For more information on Nunavut, see: www.ccu-cuc.ca/en/library/nunavut.html

ATTENTION!! WE'RE MOVING!!!

Radio Depot in Bremerton permanently closed on February 26th, and opened in Seattle on Monday, March 1st in the same building as the former Amateur Radio Supply Co. (different suite) at the intersection of Michigan and Corson. Hours are 10 AM to 6 PM Monday through Friday and 10 AM to 5 PM Saturday. Phone numbers are 1-800-291-9067 or 206-763-2936.

Editor's Notes

de NØEYK

E-Mail address:
kathleen@naceplace.com



GREETINGS FROM PHOENIX!

And once again, e-mail works! I got all the articles for the BARK and that forced me to stay still and put the newsletter together. This is a diffucult task with beautiful warm weather, places to go, friends to see, etc, etc, etc!!!! But here I am, Sunday night, the 21st, in the final push to get it ready for the mail tomorrow.

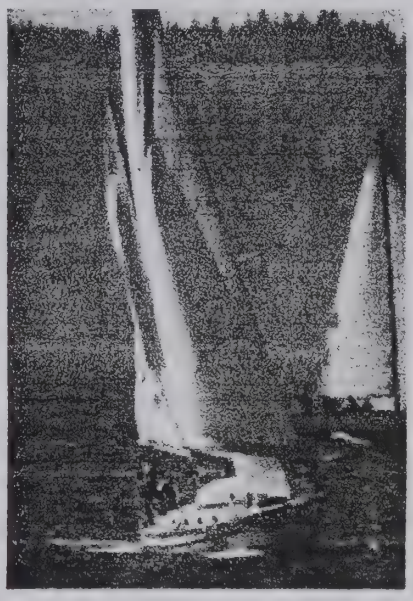
The Nace household becomes the traveling road show again tomorrow as we head out for El Paso, TX and on to the ham radio get together near Brownsville the end of next week. It has been really nice to be stopped for almost 2 weeks and enjoy a little warm dry weather, although I wouldn't mind a little more of this!!! I have heard that we will be going into sticky, warm weather as we go east, not really my cup of tea... After the ham meeting we are going to an RV rally of our make of motorhome in southern Louisiana and then on to GA for the FMCA BIG EVENT, the winter convention in Perry!!! We will be getting e-mail periodically but not as regularly as we have since we have been here. Keep checking the naceplace.com web page for more pictures and other updates. Right now there are great kite pictures...

If you have information for the BARK, e-mail is still the best way to get it to me. The deadline is still the 15th of the month. I will be in between a rally and the convention at that time, so will have time to get things put together and mailed to the great NW!

Support your club. Attend activities, teach, elmer, help out in the many areas that require YOU!

73. See you next month. Kathleen, NØEYK

NEWS FROM OUR SAILING HAMS!



It's Feb. 9 already & we've arrived at Isla Grande, a small island just outside of Ixtapa/Zihuatanejo (Zee-what-ah-nay-ho), our southernmost destination in MX for this year. It's warmer here than Puerto Vallarta (PV), high 80's or low 90's during the day and probably 70 at night. Water temp is 78+. Went snorkeling today with friends from another boat. Saw lots of interesting fish and coral but not as unique as snorkeling in the Sea of Cortez.

We've been at anchor for a couple of days after sailing/motor sailing 30 hours nonstop down from Las Hadas at Manzanillo. Even had a nice spinnaker run for a few hours. Unfortunately when we start to head back North (the first of March), it will be up-current and up-wind. We'll have to plan carefully so that we aren't bashing into it all the way.

Tomorrow we'll sail around the island and into the bay at Z-town. Will have to dinghy ashore to check in with the Port Captain, go to the bank to pay our fee (probably about $3) and then back to the Port Captain with proof hat we've paid. We have to clear in and out of each city where there is a port captain. Just part of cruising in MX.

Then we'll probably go into town and check out the mercado (market) and some of the sites. For some reason unknown to us, the Mexican ice cream isn't very creamy. In fact, most of their pastries, cookies, etc. look wonderful but seem to lack something in taste (good for the waistline!). Anyway, we've discovered that when you order a chocolate milk shake, literally that's what you get—some milk with a little chocolate in it. EXCEPT there's one little shop in Bara de Navidad that has wonderful milkshakes and we've heard there's one here too. So that's high on our to-do list.

Our plan is to stay here this month and then head back up to PV until the first part of April. Then we'll head back across the Sea of Cortez to take in the annual cruisers Race Week out of LaPaz (I think the term "Race" is used loosely!) Lots of games on shore, socializing, potlucks, etc.

We did send belated Christmas greetings to everyone on our e-mail lists. BUT, apparently if you have even one address incorrect, it can cause the whole list to bounce. We send it to three lists and one of the lists just wouldn't send. So, you may not have received it or you may have received multiple copies. If so, sorry about that. If you didn't receive it and would like a copy, please let me know and I'll re-send it. For those of you who did receive it, the re-writing of "The Night Before Christmas" was my (Marilyn's) version of ne that another cruiser wrote--so I can't take full credit.

Happy Valentine's Day, Stef and Marilyn, the Panda Pair onboard "Circe."

FLEA MARKET 1999

The Radio Club of Tacoma's annual Flea Market will be September 11th this year, at Frontier Park, also known as Pierce County's Fairgrounds.

This site offers great potential for our annual event - a big improvement over the location we have used in previous years. All who have seen the place are excited about what we can do there - already there is talk of making it a two day event with classes and informational seminars on the second day next year. If it is as successful as we believe it will be, there is no reason why this event will not grow each year.

Please mark your calendars now to reserve September 10 and 11 so you will be able to help in the set up, and the actual day of the event. With the possibility of a greatly expanded, and more profitable event - comes the great need for "bodies" to staff the various work parties. No one person will have to do an excessive amount of work, just a lot of folks each doing a little...

Since this is the big fund raiser for RCT please make your plans now to help out !

If you have any thoughts about what we should, or should not do - or if you would like to sign up early please let one of the Club Officers, or me know. You can always e mail me at crsouter@earthlink.net.

Your Club appreciates and needs your support of this event !!!

Chuck Souter, KA7HJN

NOTES FROM DAVID



WB7AUJ

Well, it is Valentine's day and I am on a plane flying from Houston, Tx to Seattle. Just finished reading the January CQ VHF. There is some good stuff in this magazine. If you haven't tried it, pick up a copy at your local bookstore and give it a try.

In case you were not aware, there are fewer hams today then there were a year ago. I won't go into all they why's and wherefore's of this. What I would like to see is the Radio Club of Tacoma actively pursuing it's educational objective and getting people started in amateur radio.

Regretfully, we did not get any classes going for January and February. I was in the Philippines on business and not here to push the recruiting. I really need your help in recruiting for classes. Putting the flyer in the Bark is not going to get very many students for classes unless you the members of the club use it as a tool to recruit for us. One way would be to take the flyer that is in the Bark make copies and post them in some public places like your local grocery store, K-Mart, etc. Maybe some of you who are going to TCC or Pierce could put one up there. If you would like a nice clean copy and not have to tear your Bark apart, I can send you one via e-mail. My e-mail address is ddodd2735@aol.com. Just let me know what format you would like it in - Word Perfect of Microsoft Word. Copies are also available at meetings and the club house. You can stop my on a Saturday during open house and pick one up.

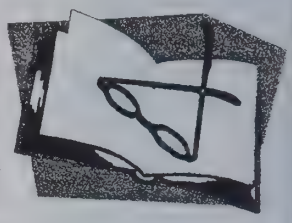
The next scheduled Technician Class is the 6th and 7th of March. There will not be much lead time by the time you get this Bark, but maybe we would get some prospective students for a later class from your efforts.

I still would like to do another class for young people (targeting 15 and under). If you have children or grandchildren that have some that are have shown some interest in ham radio give me a call (253-584-3620) Make it after six to insure that I am home from work. I also have a flyer for this class which you can pick up at a meeting or the club house or get via e-mail.

73, David

Amateur Radio Exams

in the Puget Sound Region as of January 14, 1999



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Saturday - 1 PM - Boeing **Kent** Rec. Center, 22649 83rd Ave So, Room "C", - Contact Rick Antes, KF7VG, 425-277-2220, Des Moines

2nd Tuesday - 6:30 PM - **Everett** - Sno-Isle Skills Center - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 425-355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of **Tacoma** Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Saturday - 10 AM - **Tukwila** - Denny's Restaurant, #3 13100 48th So., Contact Mary Lewis, W7QGP, 206-523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 Tobin Street - Contact Mike Dinkelman, N7WA, 253-854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 360-793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

3rd Saturday - 10 AM - **Shelton** - Shelton Airport - Contact - Dick Bostrom, N7LD, 360-426-4627, Shelton

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 360-652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 360-456-5571, Olympia

4th Saturday - 10 AM - **Marysville** - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 425-335-5258, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Walt Winters, AA7TL, 360-692-8326, Bremerton

Semiannually - Saturday - 9:30 AM - **Olympia** - Olympia Center, 222 Columbia North - Contact John Steele, AA7WX, 360-491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - 253-845-7652

NO-CODE TECHNICIAN AMATEUR RADIO LICENSE

JOIN THE EXCITING WORLD OF HAM RADIO

ONE WEEKEND CLASS

PREPARES YOU TO TAKE THE TECHNICIAN LICENSE EXAM

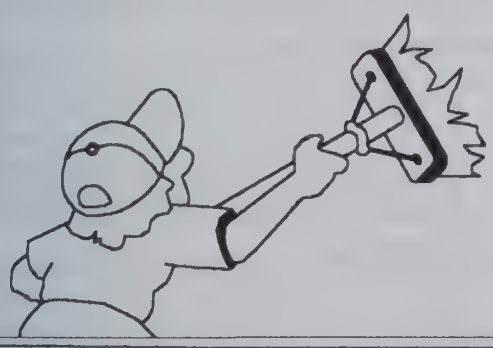
Sponsored by

Radio Club of Tacoma

1249 South Washington Street - Tacoma

Fee for the class is $20
Books will be available at the class for $19

Next class will be held on March 6-7, 1999
9 AM to 5 PM each day



To Register, call:

David Dodd - 253-584-3620

or

Al Burleson - 253-474-9023

ANNOUNCING THE 18th ANNUAL MIKE AND KEY ARC ELECTRONICS SHOW & FLEAMARKET

MARCH 13, 1999 @ 9AM

PAVILION EXHIBITION HALL

WESTERN WASHINGTON FAIRGROUNDS, PUYALLUP, WA

ADMISSION - $6 (UNDER 16, FREE w/ADULT)

TWO FLOORS WITH 44,000 Sq FEET OF EXHIBITION AREA

TALKIN 146.82/22 (PL 103.5) & 146.58 SIMPLEX

RADIO GEAR * COMPUTERS * CLUB INFO * PARTS

SNACK BAR * FREE PARKING * CONSIGNMENT AREA

OVERNIGHT SC/RV's OK * LICENSE EXAMS

Table Reservation Information: (253) 631-3756, 6PM-9PM PST or mwdink@eskimo.com
VE Exam Information: (253) 549-4062 or k7nd@worldnet.att.net

CONTACT NAME: _____ CALL: _____ BUSINESS NAME (IF ANY): _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

TELEPHONE: ( ) _____ E-MAIL: _____

#	DESCRIPTION	$
	SELLER TABLES @ $22 EACH (NO REGISTRATIONS INCLUDED, 8' BY 30", INCLUDES ACCESS TO ELECTRICITY)	
	SELLER REGISTRATIONS @ $5 EACH (LIMIT OF ONE (1)PER TABLE PURCHASED)	
	TABLE HELPER REGISTRATIONS @ $7 EACH (LIMIT OF TWO (2) PER TABLE PURCHASED)	
	COMMERCIAL BOOTHS @ $100 EACH (200 SQ FEET, 4 TABLES, INCLUDES 4 ADMISSIONS)	
	DAY OF EVENT ADMISSIONS @ $6 (HONORED @ 9AM, March 13th - SENT BY RETURN MAIL - NO ORDERS AFTER 02/27/99)	
	TOTAL ENCLOSED =	

REGISTRATION TIPS

REGISTER EARLY AS TABLES ARE ASSIGNED ON A FIRST COME, FIRST SERVE BASIS AS DETERMINED BY POSTMARK. SPECIFIC LOCATION REQUESTS ARE HONORED ONLY IF THE SPACE IS AVAILABLE. BE FLEXIBLE AND GET GROUP REQUESTS IN EARLY.

EXAMPLE ORDERS:
1 TABLE & SELLER = $27
1 TABLE & SELLER & 1 HELPER = $34
1 TABLE & SELLER & 2 HELPERS = $41
2 TABLES & SELLER = $49
2 TABLES & 2 SELLERS AND 1 HELPER = $61

Please note any location/group requests, special requirements, or additional information below:

_____

SELLER SETUP TIMES
MARCH 12 (FRIDAY) - 2PM TO 8PM
MARCH 13 (SATURDAY) - 5:30AM TO 8:30AM

MAKE CHECKS PAYABLE TO: MIKE & KEY ARC, 22222 148TH AVE SE, KENT, WA 98042 - ALL RESERVATIONS CONFIRMED BY RETURN MAIL
(NO RESERVATIONS TAKEN OR CONFIRMED BY E-MAIL)

RADIO CLUB OF TACOMA
PO BOX 11188
TACOMA, WA 98411-0188

[ ] NEW MEMBER (ONE APPLICATION PER MEMBER)

[ ] RENEWAL (ONE RENEWAL FORM PER FAMILY OK)

MEMBER CATEGORY: [ ] FULL [ ] SENIOR [ ] ASSOCIATE [ ] FAMILY [ ] LIFE [ ] STUDENT [ ] REINSTATEMENT

Name_____ Call_____ Class_____ Birthday_____

Address_____ City/State_____

Zip+4_____ Home Phone(____) _____ Work Phone(____) _____

e-mail _____ Publish phone number/e-mail in the Club Roster? Yes [ ] No [ ]

Former Call(s)_____

Are you a Volunteer Examiner Yes [ ] No [ ] If Yes, which VEC_____

Occupation (or former occupation)_____ Employer_____

Are you a member of: ARRL [ ] ARES/RACES [ ] MARS [ ]

FAMILY MEMBERS NAME, CALL, AND LICENSE CLASS (RENEWALS ONLY)

_____

_____

_____

THE RADIO CLUB PARTICIPATES AND SUPPORTS THE FOLLOWING ACTIVITIES EACH YEAR. PLEASE MARK THE BOX IN FRONT OF THE ACTIVITY OR ACTIVITIES THAT YOU WILL HELP SUPPORT. WE URGENTLY NEED YOUR HELP AND SUPPORT, PLEASE CONSIDER AT LEAST ONE ACTIVITY THAT WE CAN COUNT ON YOU TO SUPPORT.

[ ] AWARDS BANQUET
[ ] FIELD DAY
[ ] FLEA MARKET
[ ] BOOTH AT THE WWA FAIR
[ ] SWEEPSTAKES IN NOVEMBER
[ ] VE TEAM
[ ] LOGGER'S BARK MAILING PARTIES
[ ] TEACHING CLASSES
[ ] SCOUTS JAMBOREE IN OCTOBER
[ ] ARES/RACES
[ ] N KITSAP FLEA MARKET
[ ] OTHER MISC CONTESTS
[ ] MIKE & KEY FLEA MKT

Other hobbies, expectations, comment:_____

Do you own a computer? Yes [ ] No [ ] If so, what type?_____

How did you hear about the Radio club?_____

Seven dollars ($7.00) of your annual dues is the subscription fee for the Club's monthly newsletter(The Logger's Bark).

Club badges are available for $9.00. If you would like a badge, please PRINT the following:

Badge Name_____ Badge Call Sign_____

Applicant's Signature_____ Date_____

ANNUAL MEMBERSHIP DUES: FULL OR ASSOCIATE MEMBER $30
FAMILY MEMBER (AT SAME ADDRESS, FIRST TWO) $15 EACH (ALL ABOVE 2 ARE FREE)
SENIOR MEMBER (65 AND OVER) $25 FULL-TIME STUDENT (UP TO AGE 25) $15
LIFE MEMBERSHIP = 20 TIMES ANNUAL DUES (PAYMENT PLAN AVAILABLE)

FOR RCT USE ONLY

Dues received $_____ Treasurer's initials_____ Date_____

Badge fee rcvd $_____ Treasurer's initials_____ Date_____

RCT Number

4/99

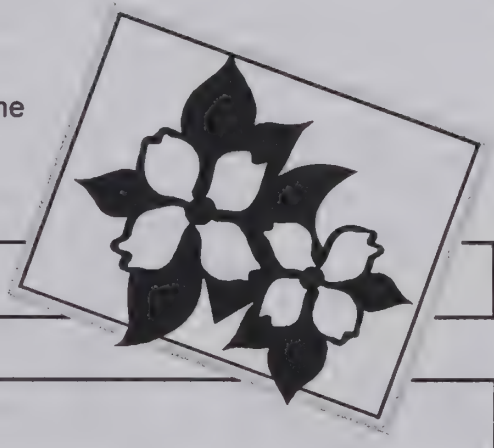
APR 1999

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma, WA 98411

RETURN SERVICE REQUESTED

NON PROFIT ORG.
U.S. POSTAGE
PAID
TACOMA, WA
PERMIT NO. 1078

COMING EVENTS



APR 3 - Pinochle Potluck, 7 PM, Clubhouse

APR 4 - SPRING forward...set your clocks ahead for Daylight Savings Time

APR 7 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

APR 13 - License Exams - 7 PM - Clubhouse

APR 14 - Club Meeting - Library Administration Center, 7:30 PM
Program: Slow Scan TV

APR 15 - BARK deadline (please be as on time as possible!)

APR 28 - Club Meeting- Library Administration Center, 7:30 PM
Program: ICOM America

Support OUR club - Attend meetings, volunteer, elmer.

Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
See page 3 for meeting program schedule.

SPRING IS BUSTIN' OUT ALL OVER...

April 1999

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 *NORA KC7JME  APRIL FOOL	2 *STEF KB7PKF *TOM KB7VOO	3  9:00 AM OPEN HOUSE 7:00 PM PINOCHLE POTLUCK *JAMES WT7Y *JEFFREY WB7NND *ROSS KC7UFM
4 *DOROTHY *MARTHA N7GUE *ORVAL N7GSR *PATRICIA KKD7DOP *STEPHEN KC7EUB  DST SPRING FORWARD	5  APRIL SHOWERS	6 7:30 PM RCT NET 147.28R *LLOYD W7LUI	7 7:30 PM RCT BOARD MTG *CARL KC7LBE *MIKE KB7UXU *TAM KC7BAC	8	9 *HARRY N7DOE	10  9:00 AM OPEN HOUSE *DOUG KC7HIJ *RICH WB7PYS
11 *BOB WA7ZZA	12 *MILTON N7ZWS	13 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R *DONALD K7DK *LEE W6PZF	14 *HAP KB7UXD  BARK DEADLINE APRIL 15 RCT MEETING 112TH ST E & WALLER RD	15 *JOE WZ7M *MICHAEL KC7ZIX  TAX DEADLINE	16 *BOB KB7SWW *JERRY K7ETU  NEW MOON	17  9:00 AM OPEN HOUSE
18	19 *JOHN N7FOW *ROBERT W7RXS	20 7:00 PM MVWS LICENSE EXAMS 7:30 PM RCT NET 147.28R *MICK KK7QS	21 *BILL W7KT *PAT N7CAK	22 *DOROTHY K7JQA *JOHN KC7FGG	23 *CHANDLER KC7EYZ	24  9:00 AM OPEN HOUSE
25 *ROBERT K7IND	26 *OWEN KB7UXP	27 7:30 PM RCT NET 147.28R *DANIEL KC7MNY *ROBERT N7HXX	28 *CHRIS KC7YEJ *ED KC7BAI *MERTON KA7NRA RCT MEETING 112TH ST E & WALLER RD	29 *DAVID N6WLE	30 *TOM N7LTI  FULL MOON	

March 1999

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

May 1999

S	M	T	W	T	F	S
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23	24	25	26	27	28	29
30	31					

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXVI NR. 4 | W7DK | APRIL 1999

FROM THE PRESIDENT



WA7ANJ

BE CAREFUL what you ask for, they said. You might just get it.

Well, seems like a fair deal to me. I've been asking members to get involved in activities. Planning things. Making them happen. Know what? That's what has been happening! At the February Board meeting, K7BUD, Bud, and Alan, N7EAY, volunteered to do "DK at the Beach" - the date will be determined on/ about 1 March. Antenna Wars, Hot Dogs, Tall Tales. It will be the first of several events to honor K7YLM - a "Jim Kirkreit Memorial Event". The basic plan is to schedule some of the things Jim was good at and enjoyed doing. An "irregular basis" is fine. Any member or three can come up with an idea. The event may produce a contest of some kind, with certificates for participants. There's room for lots of things in this area.

Jerry, W7BUN, has scheduled June 20th at Holiday Park, a Club Picnic, games for kids of ALL ages, Field Day "warm-up" (if we can have the generators there), and maybe the Log Periodic from MARS - the station, not the planet. Stan, N7KMF, jumped in at the January meeting to head up "St Helen's 20/2000" Field Trip ... and maybe a practice run in 1999?? Harvey, W7RMI, called and asked about the annual Mother's Day Breakfast at the club house. It had been discontinued for a number of reasons, but it didn't take long to get it rolling again, with Rich, N7ANF, coming on line with some good ideas. Omelette Wars, anyone?? Chuck, KA7HJN, has scheduled the Flea Market for September 10 and 11, at Frontier Park, AKA Pierce County Fairgrounds. Is this a GREAT Radio Club, or what? It's easy to get excited about something that you believe in. And I believe in YOU, Ham radio, and the Radio Club of Tacoma!

Have FUN! with Ham Radio! 73, Roger

PS from WA7ANJ - how come nobody caught the same editorial twice in a row? Gotcha!



IN THIS ISSUE...

▶**COMING RCT PROGRAMS** - Page 3

▶ **ARRL NEWS - READ IT!** - Page 6

▶ **CONTEST CALENDAR** - Page 4

▶**New Weekend Tech Class** - Page 14

▶**ANTIQUE HAMS !!!** - Page 12

CHECK IT OUT!

RCT Web Page:

www.mashell.com/~roblee/rct.htm

RADIO CLUB OF TACOMA -- 1998

PRESIDENT	ROGER TERWILLIGER	WA7ANJ	475-4293
V PRESIDENT	ALAN HUGHES	KB7SVU	840-4947
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TREASURER	CHUCK SOUTER	KA7HJN	863-2650
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	MOREL GUYOT	W6LIX	838-5433
	GEORGE NOBLE	KK7FM	756-1127
	ED ROOT	KC7OKS	851-7463
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	JERRY SELIGMAN	W7BUN	845-7652
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PROOFREADERS			
COMPOSITOR	KATHLEEN NACE	NØEYK	209-5624
PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to over-

W7DK/Radio Club of Tacoma
147.28 / .88 MHz 144.97 - Packet
147.38 / .98 MHz (PL 103.5)

MEMBERSHIP

New Members

Reinstatements

Address/Phone Changes/Corrections

Mark Weitzenhoffer, KC7FAA
32601 35th Ave SW
Federal Way, WA 98023-2665

David Magneson, KD7CIR
3816 S Wilkeson St
Tacoma, WA 98408-1754

E-Mail Address Changes/Additions

See page 5 for all the e-mail updates.

New Calls/Upgrades

Alf Anderson II was KB7QFT, is W7ALF

Silent Keys

FOR SALE

Artificial Ground, MFJ - 931 $55
Antenna Tuner (200 watts) MFJ Versa Tuner (new) 901B $65
Nye Straight Key plain knob $25
20 meter QRP CW Transceiver MFJ 9020 (less than a year old) $135
40 meter QRP CW Transceiver Ten-Tec T-Kit (factory aligned) $50
Contact: Jim Stephens W7CSX, 253-846-6564
PO Box 4219, Spanaway, WA 98387
e-mail w7csx@aol.com or sx1@juno.com

COMING PROGRAMS AT RCT

APRIL 14TH – Slow Scan Television - Now that we've had a presentation of Amateur Television (ATV) in February. Norris, W7LAP, from Tukwila will demonstrate equipment that only produces still pictures, but unlike ATV can be used on the HF bands due to the narrower bandwidth of the signals. If you've ever wondered what the chirping signals were near 14,230 MHz, you'll discover that SSTV signals are being sent worldwide.

APRIL 28TH – ICOM America – Rick Felt from ICOM America in Bellevue will demonstrate the latest in ICOM's line of Amateur Radio equipment. Rick will tell us what the immediate future promises in new technology and features. There will be several newly introduced radios at the presentation.

MAY 12TH - PROPAGATION OF SOLAR CYCLE 23 - We're now almost 2 and a half years into Solar Cycle 23. Tom Sanders, W6QJI, from Port Orchard, will explain what causes the 11-year solar cycles, how band conditions are changing, and what we can expect in the next few years for improved radio communications, including working long distances on 6 and 2 meters. (NOTE: This presentation was originally scheduled in February, but was postponed when Tom had a bad case of the flu).

MAY 16TH - "DK AT THE BEACH" - Owens Beach at Point Defiance Park. Plan on a potluck picnic, family fun, and "Antenna Wars." This will be a JIM KIRKREIT, K7YLM, MEMORIAL EVENT.

MAY 26TH - CW Bingo - Something new! Regular games of Bingo with prizes, but the caller will use CW to announce each square drawn. Those not proficient in reading code will be paired with a person who is proficient, so every one will have an equal chance to win. Plan to attend and have FUN!

JUNE 9TH – AARL Vice Director and DXpedition to Tortola, Jim Fenstermaker, K9JF, from Vancouver, Washington, will be introduced as the new ARRL Northwestern Division Vice-Director. Jim will briefly talk about the latest news from the ARRL, and then narrate a slide program about his recent Dxpedition to Tortola Island in the Caribbean.

JUNE 20TH – Family Picnic/Potluck, games, and pre-Field Day exercise at McChord's Holiday Park.

JUNE 23RD – Final plans for Field Day 99. (NOTE: Meeting will be held at the Clubhouse)

JUNE 25-27 – Field Day

PINOCLE



at the Clubhouse
1249 So. Washington
1st Saturday, April 3rd
Pinochle & Potluck - 7pm
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898

RCT DUES INCREASE

Effective January 1, 1999, the dues are as follows:

FULL $30.00
FAMILY $15.00 EACH for the first two family members, all above two are at no additional charge
SENIOR $25.00
ASSOCIATE $30.00
STUDENT one half of Full rate
LIFE 20 times your current rate of dues

E-MAIL CHANGES AND ADDITIONS

Alan Allen, N7EAY
e-mail is acallen@aol.com

Nick Olson, N7BCV
e-mail is nickolson@seanet.com

John Currie, W7ARK
Correct e-mail to jcurrie@tacoma.k12.wa.us
Correct call to W7ARK

Max Bice, W7AEA
e-mail is w7aea@aol.com

Gary Breivik, N7GWC
Correct e-mail to garyb@yelmtel.com

Jerry Hathaway, K7ETU
e-mail is k7etu@arrl.net

Roger Terwilliger, WA7ANJ
e-mail is rtwig@worldnet.att.net

George Adams, KD7DOT
e-mail is wgadams@ibm.net

Morel Guyot, W6LIX
e-mail is w6lix@worldnet.att.net

Bud Mitze, K7BUD
e-mail is k7bud@juno.com



APRIL CONTESTS



3-4
EA RTTY Contest
SP DX Contest

5
Low Power Spring Sprint

9-11
Japan International DX Contest, CW
Elettra Marconi Contest
His Majesty the King of Spain Contest
QRP ARCI Spring QSO Party, CW

12
VHF/UHF Spring Sprints

16-18
DXYL-NAYL Contest, CW
Holyland DX Contest
Michigan QSO Party

23-25
DXYL-NAYL Contest, Phone
Weak Signal Activity Weekend
Six Meter Sprint
Florida QSO Party
Helvetia Contest
Nebraska QSO Party
Ontario QSO Party
QRP to the Field

Want more info, check **www.arrl.org/contests**

FIELD DAY 1999

George Noble, KK7FM

I would like to get everyone to start thinking about Field Day because it is sneaking up on us really fast. Field Day happens every year on the fourth full weekend of June (26-27 this year). It is many things to many people and has something for everyone. Many clubs in this country use Field Day as a central focus for the year's activities.

More than anything else, as Roger constantly reminds us, it should be FUN. The more people who turn up, even if they do nothing but eat hot dogs and tell tall tales, the more fun it is. For those who help, (and everyone has something to offer), there is inevitably some sense of accomplishment. Teamwork and camaraderie are their own reward. The good feeling of seeing the antenna you just put up swaying in the breeze is matched by the excitement of plugging it into the transceiver that you have powered with something other than commercial power and hearing intelligible noise come out. It is even better if there is an audience to applaud your efforts.

Field Day is about emergency preparedness. Do we just talk about being prepared for "the big one", or are we truly ready? The only way to know, is to practice. With a little imagination, you can think of any number of disasters that may befall us. When an earthquake hits, we would like to know we will be prepared. That is not the time to discover that the generator is out of gas or the batteries are dead or the antenna coax has a short in it. It helps, once a year, to check to see that we have all the parts necessary to get on the air in an emergency, and that we know where they are. The take-down at the end of Field Day is equally important for just that reason.

Field Day is a publicity event. One of the main reasons we have the portions of the spectrum allotted to us is that the public respects our ability and commitment to respond to emergencies. Field Day is an opportunity to showcase our emergency preparedness. The rules of Field Day encourage involvement of the public both by individual experience and by media coverage. It is also an opportunity to recruit new enthusiasts to our ranks. A good public impression may help us in the future in conflicts over spectrum or antenna ordinances etc.

Field Day is an operating event—a chance to hone everyone's skills from novice to extra. I had my license for several months before I ever got on the air. My first time was, you guessed it, Field Day. I went out to learn by watching the "pros". Someone handed me a mike and walked away. I learned by doing instead. I also learned that in an emergency <u>any</u> operator is valuable. It is a wonderful opportunity to get our newest members lastingly hooked. It is also a great opportunity to improve in areas of weakness. Last year I worked on CW and that led to a marginal, but passing, 20 WPM. This year, maybe it will be RTTY. There is so much to learn.

Field Day has room for the experimenter to check out new antenna ideas, or homebrew equipment, or modifications of other stuff for portable use. It can be a test of one's radio knowledge when equipment needs to be modified on the spot because of missing parts or adverse conditions. I would love to see a number of alternative energy sources at this year's Field Day.

Yes, Field Day is also a contest, but the competition is primarily with yourself and with the cussedness of nature. Everyone wins who accepts the challenge. To be sure, some groups vie for highest point score, but points are awarded for much more than just contacts made. I don't know if I have the mental stamina to do "real" contesting but I have never felt the same pressure on Field Day. The newest hams should not feel intimidated. Every contact counts. The high point of Field Day two years ago, for me, came after midnight when contacts had dropped off but Marti (KC7VUJ) made her first contact—with Australia. Last year, I struggled through a slow CW contact only to discover it was a new Ham's first contact. I don't think he knew what Field Day was.

So pack up whatever excites you about Amateur Radio and bring it out to share with the rest of us on Field Day. Everyone who turns up, contributes (as I learned my first time) and no one should leave empty-handed. Expect the unexpected. Who knows, you may be captured by someone else's enthusiasm. You will take home, at the very least, friendships and memories. As they say in the New York State lottery, "You gotta be in it to win it!"

An event like this requires a lot of planning. If anyone has anything to offer organizationally, we could use as much help as you can give. Many hands make light work. Please contact George (KK7FM) or Mick (KK7QS) sooner rather than later.

◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet and other sources.



W7BUN

KING HUSSEIN, JY1, SILENT KEY

If you have Internet capability, here are some more URLs that are available —
This is JY1's web page, lots of great pictures: www.kinghussein.gov.jo
Look in the hobbies section to find a picture of him in his shack:
www.kinghussein.gov.jo/photobank.html
This is what his QSL card looks like:
www.amsatnet.com/jy1.html

LOW-FREQUENCY EXPERIMENTAL LICENSE ISSUED

Some US experimental activity is coming to LF! The FCC has granted a one-year experimental license to the Amateur Radio Research and Development Corporation to conduct tests on the frequency 136.75 kHz. Experiments would be carried out from 12 Northern Virginia sites using the call sign WA2XTF. These experiments are to gain low-frequency experience in anticipation that the FCC may allocate a band at 136-kHz to Amateur Radio.

FCC SUSPENDS ALLEGED GRIZZLY PEAK CONTROL OP FROM VHF/UHF

The FCC has taken another step in its investigation of alleged rulebreaking and impropriety on the K7IJ Grizzly Peak repeater system. In the latest action, the FCC has notified Blake B. Jenkins, N6YSA, of Berkeley, that his amateur VHF/UHF privileges were being suspended for 120 days as of March 5. Jenkins has been identified as the primary designated control operator of the four K7IJ VHF and UHF repeaters. Citing what it called "an alarming and unacceptable lack of control" over the operation of the repeaters, the FCC on March 2 shut down the K7IJ system for 120 days while it continues its investigation.

FCC TACKLES HF "SPLATTER" CASES

The FCC has written nearly two dozen Amateur Radio licensees whose 20-meter SSB signals were said to be "unusually wide, overpowered, or both." The FCC's Riley Hollingsworth did not identify the specific licensees involved, but he said some of them were believed to be over-the-road truckers operating mobile. Hollingsworth's letter said information received by the FCC indicates that the stations involved "ignored requests from other licensees operating on adjacent frequencies" to do something about the wide signals. He said the operations in question were believed to be confined to the high end of the 20-meter band, above 14.300 MHz.

FCC FINES OPERATORS IN REPEATER QRM CASE

The FCC has used mobile radio direction-finding techniques to solve a longstanding repeater interference problem. The Commission alleges that Michael Gallagher, KB3DHX, of Concord, Massachusetts, and Kornwell Chan, W3CI, of Dresher, Pennsylvania, were maliciously interfering with the Phil-Mont Mobile Radio Club 2-meter repeater, W3QV, and has levied fines on the two operators. On multiple occasions in February, personnel from the FCC's Philadelphia office traced radio transmissions to a vehicle said to be occupied by the operators in question. Both licensees have been issued Notices of Apparent Liability for $7500.

AMATEUR RADIO SPECTRUM PROTECTION ACT OF 1999 INTRODUCED - HR 783

It's round two in Congress for the Amateur Radio Spectrum Protection Act. The bill is aimed at ensuring the availability of spectrum to Amateur Radio operators. It would protect existing Amateur Radio spectrum against reallocations to or sharing with other services unless the FCC provides "equivalent replacement spectrum" elsewhere. The ARRL said that the 1999 bill is largely the same as last year's HR 3572. The major difference is that the 1999 version adds "Amateur Satellite Service" frequencies to "Amateur Radio Service" in detailing the frequencies that would be afforded protection under the act.
A copy of the measure is available via the Thomas Web site: thomas.loc.gov

1999 YOUNG HAM OF THE YEAR NOMINATIONS OPEN

Nominations are due May 30, 1999, for the Amateur Radio Newsline 1999 Young Ham of the Year (YHOTY). Now in its second decade, the YHOTY award goes each year to a US amateur 18 or younger who has used Amateur Radio to significantly contribute to the benefit of the hobby, to the state of the communications art, to the community or to the nation.

To obtain an official application, send an SASE to 1999 Young Ham of the Year Award, Newsline, 28197 Robin Ave, Santa Clarita, CA 91350. Nomination applications also are available at http://www.arnewsline.org.

The award presentation is scheduled take place at the 1999 Huntsville Hamfest in August. The 1999 Young Ham of the Year also will spend a week at Spacecamp in Huntsville.

WIRELESS PRIVACY BILL PASSES HOUSE

HR 514, the Wireless Privacy Enhancement Act, passed the US House on a vote of 403 to 3 (with 28 not voting). The bill passed by a similar margin last year, but the Senate never acted on it. But for one line, HR 514 is identical to the amended version of last year's HR 2369. The new line, the product of a floor amendment, clarifies that if one "discloses" protected communication without being aware that it was illegally obtained, one cannot be held culpable under the law. The bill now goes to the Senate.

SUNSAT LAUNCHED-FINALLY!

After more than a month of delays and aborted launch attempts, the Delta II rocket carrying the South African SUNSAT Amateur Radio satellite and other payloads lifted off February 23 from Vandenberg AFB in California. Early reports indicate that the SUNSAT payload deployed and the ground team has communicated with the satellite and monitored telemetry. "SUNSAT relayed the temperature of both its top and bottom plates," the team reported. "Both temperatures were quite low, which is good for the condition of the batteries." SUNSAT should be fully operational in about a month, according to the SUNSAT team.

The SUNSAT package includes digital store-and-forward capability and a voice "parrot" repeater that will be used primarily for educational demonstrations. The unit has two VHF and two UHF transmit-receive systems. For more information on SUNSAT, visit sunsat.ee.sun.ac.za.

HAMS STILL ON HOLD FOR ULS

While the FCC's Wireless Telecommunications Bureau began using the Universal Licensing System (ULS) February 16, hams remain in a holding pattern on ULS until the FCC establishes a ULS Amateur Service database. That's not expected to happen until later this year. This means that hams still must use Form 610 and its variations. These so-called "pre-ULS forms" are valid until further notice. On-line services are limited to Form 900 renewals within 120 days of expiration and Form 610V vanity call sign application. License modifications are not yet available on-line unless done at the same time as a renewal.

The ULS is a new, interactive licensing database that consolidates and replaces 11 existing databases and licensing systems, including the Amateur Service. Among other things, it will replace the venerable FCC Form 610 series with a new Form 605 and provide on-line filing, modification, and renewal for amateurs.

FCC SAYS DELAWARE HAM MUST RETEST OR LOSE TICKET

The FCC has notified a Delaware ham that she must take her Amateur Radio examinations again or lose her license. The FCC's Riley Hollingsworth, K4ZDH, says "questions were raised" about how Sheila Bowden, N3QQS, upgraded to Extra, and said the FCC is requesting that Bowden start from scratch and retake "all the elements."

The FCC has the authority under Part 97 to re-administer exam elements previously administered by VEs. The FCC may administer the exam itself or designate a VEC or VE to administer the retesting session-typically employing a VEC that's different from the initial testing session.

Hollingsworth said the FCC plans to call in "25 to 50 more" amateur licensees for retesting in the near future. In all of those cases, the FCC has reason to suspect the integrity of the examination process.

The FCC is continuing its probe into alleged testing irregularities at Pennsylvania W5YI-VEC sessions October 4 and 6, including allegations that examinees might have been coached or given test answers.

FCC SUSPENDS JERSEY HAM'S HF PRIVILEGES

The FCC has suspended for six months the HF privileges of a New Jersey ham. The FCC notified Walter P. Miller Jr., W2YEE, of Edison, New Jer-

sey, that his privileges to operate below 30 MHz were being suspended for 180 days.

The license-modification letter February 16 from the FCC's Riley Hollingsworth, K4ZDH, came in the wake of an earlier warning letter to W2YEE. Hollingsworth alleged that W2YEE's 75-meter operation on the evening of February 4 was contrary to the Amateur Service Rules.

"Specifically, you were apparently broadcasting and talking to no particular station for several hours, during which time you prevented the use of the frequencies by others and maliciously interfered with other stations attempting to use the frequencies," Hollingsworth wrote. He said the Commission also had information indicating similar behavior occurred the next evening on 75.

"Such operation endangers the basis and purpose of Amateur Radio as a service, degrades it for other licensed operators and cannot be tolerated," Hollingsworth wrote.

Section 97.1 Basis and purpose, of the rules discusses the public service value of Amateur Radio, as well as its contribution to advancing the state of the art; expanding the reservoir of trained operators, technicians and technical experts; and enhancing international goodwill. Hollingsworth is on record linking certain types of on-air behavior with a negative perception of Amateur Radio in other countries.

K7UGA ANTENNAS DOWN!

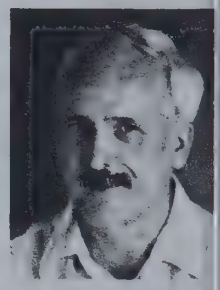
As many of you know, Senator Barry Goldwater, K7UGA, had an impressive setup at his home atop a hill in Paradise Valley, AZ. What was always a landmark in Barry's neighborhood was his 4 HyGain DX Longjohn monobanders on a HyGain RP-75H rotating pole.

After Sen. Goldwater's passing, the antennas were taken down as per the grandfathered agreement that he had with his neighbors. This is truly the end of an era, as K7UGA passed tens of thousands of phone patches during the Viet Nam conflict.

For anyone that is interested in perusing the pictures of the antennas and their removal, please visit this site: www.azhub.com/goldwater then, click on "View all listings" and check out the different pictures.



NOTES FROM DAVID



Well, we had our first no-code tech class of the year on March 6 and 7. The results are the best of any class do date. Ten people attended the class. Ten people passed there exams on Tuesday night. The are Bill Allen, Meagan Meckna, Jim Roberts, David Stilwell, Doug Bashan, David Hale, Melisa Lepinski, Robin Gillispie, Lynn Prestwich and Dennis Sharp. Robin Gillispie also passed the General written exam. Congratulations and welcome to the world of ham radio.

Because Kathleen and Roger will be on the road, we won't be able to get their calls in the Bark, but be listening for them on the repeaters and welcome them to ham radio.

. Thank you to the W7DK team of instructors Roger- WA7ANJ, Al - K7HW, George - KK7FM and Dan - N7QWH. If you would like to help in this effort, give me a call (253-584-3620) or e-mail me at ddodd2735@aol.com. There is great satisfaction in teaching the classes and then go to the exam sessions and see the students come out with a smile on their face.

The next no-code tech class will be April 10/11. Talk to your friends. Get them interested in our fun hobby.

If you haven't been coming to the meetings, you have been missing some good programs. Jerry is doing a great job of getting a variety of different subjects covered.

Jerry is also teaching an Extra Class class at the present time. He will have an Advanced class starting in April and a General class in late May or early June if enough people sign up.

Pete, KK7QW, is teaching code at the club house on Thursday evenings if that is the area you need help with in order to upgrade.

73,

David, WB7AUJ

CONGRATULATIONS

ARES/RACES

This winter has brought lots of rain and snow which also brings the possibility of flooding with it. I feel that we have been fortunate to have had as little flood watch going on as we have but the possibilities still exist. Please keep your eyes and ears open and volunteer when needed. Check into the weekly ARES/RACES Communication Net on each Tuesday at 7:00 PM on the 145.37 WC7AAO repeater for up to the minute information. The tone is removed for the net so no one has to worry about not getting in.

It seems that April is the activity month for Public Service Events this year. The dates we need help for are the Multiple Schlerosis Walk on April 17 and also the Daffodil Parade on April 17, Walk America Walk is on April 24 and don't forget the Medical Exercise that is occurring on April 21. There will be a training exercise for Search and Rescue the weekend of April 30 and May 1. This is what I know of for the immediate future. If you want to get more definite information, please contact Stan, N7KMF, or Nana, N7OIX, at 253-845-9023. They really need your help so please consider participating in at least one of these events and more if possible.



N7QHW

There are other leadership positions and a hospital leadership position still available. If you can help with any of the leadership positions, contact Alan, KB7SVU, at 253-840-4947 or Bob Tilley, KB7NBQ, at 253-875-0755.

For those of you who already have a card, remember, check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Alan or Shirley.

If you have not joined ARES/RACES and would like to, contact Alan, KB7SVU, ARES Emergency Coordinator and RACES Radio Officer at 253-840-4947 or see Shirley, N7QHW, at any Radio Club of Tacoma meeting for an application.

73 and again thanks for volunteering. Shirley, N7QHW

ACCIDENT & BODILY INJURY
LAW OFFICES OF
DOUGLAS K. SMITH, P.S.

(206) 471-1000
(800) 585-8500

AJ7Y

DOUGLAS K. SMITH
Attorney at Law
102 Tacoma Mall Plaza
2702 South 42nd Street
Tacoma, Washington 98409

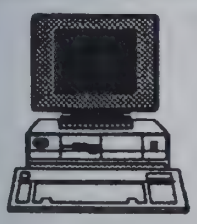
Radio Club of Tacoma License Exams

APRIL 13, 1999

7 PM RCT Clubhouse
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.25. For information call:
Shirley Murphy, N7QHW @ 253-265-3661

SECOND BYTE
NEW & USED MS-DOS COMPUTERS



ACCESSORIES, PERIPHERALS, AND UPGRADES

N7ARO

Roy Richards
642 NE Woods Ct.
Bremerton, WA 98311
Voice/Fax: (360) 479-2619
E-mail: 2ndbyte@kendaco.telebyte.com

ADDRESS CHANGES

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to Shirley, N7QHW, @ 253-265-3661.

MINUTES

General Membership Meeting
Radio Club of Tacoma
24 February 1999

President Roger Terwilliger, WA7ANJ, called the meeting to order at 7:30 PM. The pledge of allegiance was led by David Dodd, WB7AUJ, and was followed by the introduction of everyone present.

Treasurer's Report:

Checking	3,096.13
Flea Market	1,272.56
Savings	9,987.50
Scholarship CD	3,143.77
Total	$17,499.96

Members: 270

Program: Jerry, W7BUN presented the program. It was a question and answer panel, with Roger, Morel, Shirley, Al and Pete answering questions from the membership.

Committee Reports:

20 June 1999 there will be a picnic at McChord Air Force Base.

Shirley, N7QHW, talked about the plaque for the class room door honoring Bill Shimmin, W7GBC.

Training: David Dodd reported novice/tech class coming up.

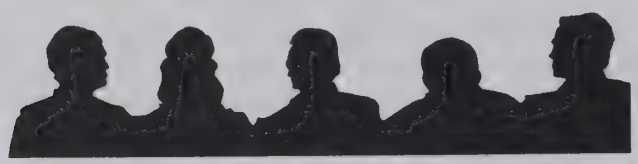
No old Business

New Business:

Roger, WA7ANJ, reported on the W7DK web site.

The meeting adjourned at 9:00 PM.

Respectfully submitted,
Alan Hughes, KB7SVU



Radio Club of Tacoma
Board Meeting Minutes
3 March 1999

The meeting was called to order at 7:30 PM by President Roger Terwilliger, WA7ANJ.

No correspondence.

Corrections to last board minutes David Dodd's call was incorrect.

Committees:

Training: Tech class is this Saturday. Instructors are needed. Call David Dodd or Al Burleson to help with this class.

Field Day: George Noble, KK7FM, reported that a committee needs to be formed to handle all areas. We may try to get the Pierce County Fair Ground for our site this year.

Flea Market: Chuck Souter, KA7HJN, reported that the flyers will be done and at the printers on Monday.

Old Business: David Dodd moved that we approve $50.00 for parts to fix the copier. Seconded by Ed Root. The motion passed.

New Business:

Web Page: Roger talked about our own web site - www.w7dk.org The cost will be $100.00 for the first year and $80.00 the second year. We will have to pay for two years up front. David Dodd moved that W7DK establish its own web page and $300.00 be set aside to get it started. Seconded by Worth, W7WG. The motion passed.

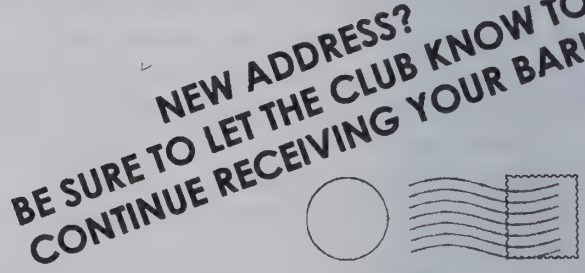
W7DK at the Beach: Sunday May 16, 1999 from 10AM to 5PM will be W7DK at Owen beach.

Auto-patch: Hal, W7EC, ask about the code for the auto patch - if it could be left since the auto patch is not used much. Ed Root moved to leave the code unchanged this year. The motion was seconded and passed.

There was talked about putting a tone on the .28 repeater. No decision was made.

Meeting adjourned at 8:40 PM.

Respectfully submitted,
Alan Hughes, KB7SVU



Radio Club of Tacoma
General Membership Meeting
10 March 1999

The meeting was called to order by the President Roger Terwilliger, WA7ANJ, at 7:30 PM. The flag salute was led by Chuck Souter, KA7HJN, and was followed by the introduction of everyone present.

Treasurer's Report:

Checking:	$2,676.50
Flea Market:	$1,272.56
Savings:	$9,987.50
Scholarship:	$3,143.77
Members:	270

Correspondence: None

Program: A Video on Amsat phase 3D integration

facility satellite presented by Jerry, W7BUN.

Committees:

Training: The class held in March had 10 out of 10 passing the test for Tech and one passed the General test. David, WB7AUJ, is planning another class Novice class for 16 and under. The next Tech class will be held the weekend of the 10th and 11th of April. Instructors are needed, contact David, WB7AUJ.

Flea Market: The flyers are ready. Contact Lou, KB7WDB.

Clubhouse: A bid has been made on changing the electrical panel.

Parts have been ordered for the copy machine.

The Web page for W7DK is on the way to being finished.

The TNC PK232 is missing from the Clubhouse and anyone who knows what happened to it, let Roger, WA7ANJ.

Repeater: A motion was made by Jerry, W7BUN, and seconded by Bob, N7QOZ, to move the 440 from its present site. The motion passed. The rent for the site increased to $100 a month and the membership agreed it would be to costly.

DK at the Beach: It will be held on the 16th of May at Owens Beach and will be called the Jim Kirkreit Memorial Event.

The meeting adjourned at 8:40 PM.

Respectfully submitted,
Nora A. Simmons, KC7JME, Secretary
Radio Club of Tacoma

FIELD DAY 1999 VOLUNTEER!

SPECIAL SERVICE CLUB

RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.
SIZES Small through XL ARE $36, XXL ARE $40 AND XXXL ARE $43.00.
GET ONE NOW!
Call Shirley, N7QHW, at 253-265-3661, to order yours today!

W7DK AT THE BEACH

May 16th, 10:00 AM - 4:00 PM

"Jim Kirkreit Memorial Event"

Antenna Wars, Hot Dogs, Tall Tales and Other Fun Things!

Editor's Notes

de NØEYK

E-Mail address:
kathleen@naceplace.com



Hi from the Crossroads of Georgia! We are here in Perry, south of Macon, at the BIG convention! We have more than doubled the size of Perry for this week and we even have our own post office and zip code! This is our 5th rally/convention in 4 weeks and I am ready to be stopped to rest up for a while. On the 26th we will be headed west again, with stops in TX, NM, AZ and who knows. The next news letter will be put together towards the end of our next stay in the Phoenix area.

Please make note of all the activities of the club and attend — maybe even participate... YOU are the ones who make all our projects successful! Opportunities include teaching and related events, DK at the Beach, Field Day, Flea Market, THE FAIR, museum. The list goes on... Encourage each other to do more and do better for the club and for each other. YOU can make a difference!

See you in May. 73, Kathleen

ATTENTION!! WE HAVE MOVED!!!

Radio Depot

Opened Monday, March 1, 1999
Michigan and Corson.
10 AM to 6 PM M – F / 10 AM to 5 PM Sat.
Phone 1-800-291-9067 or 206-763-2936.

P. T. Thordarson Violates "No Smoking" Rule, Thrown Out of Club House; Fatal End to a Long Career

.....A Sad Story with a Happy Ending.....

Even though Thordarson's life ended tragically he had a noble and useful career serving the communications and amateur radio industry starting in the early 1930's. At that time he was hooked up with his teammates with whom he worked closely throughout his existence. Early-on the team was comfortably housed in lovely, solid oak housing designed and built just for the team.

P. T. Thordarson (not related to our regular members Marilyn and Stef Thordarson KB7PCT and KB7PKF who daily communicate from warm Mexican waters with Mac W6NBD on 14292 at 8:45 AM) was an enthusiastic source of energy for his team mates operating in a system which was state-of-the art for those days. Thordarson's own squad specialized in voice communications which was high-tech for those days when most point-to point communications including amateur radio were carried on by turning the station on and off in short and long intervals called "dots" and "dashes" or "dits" and "dahs" by using a specialized switch called a "key" or "bug" in a rhythmic pattern called Morse Code. (Now you only hear about "dot com", "dot net", or even "dot DOT", but no "dot dashes".)

So when the need arose to support his team mates in his specialized unit he,Thordarson, would gladly step up to the plate. ...and when it was necessary he would gracefully step down in order to assist his buddies warm up and function so the team could achieve its communications goals.

It should be pointed out that in those days each individual team member would have his own function and could be replaced without firing the entire team, as done now.

The day after Pearl Harbor was bombed on December 7, 1941 amateur radio operations were canceled "for the duration" and the whole nation devoted all its resources to the War Effort. Thordarson and his team were put to work at the Keyport Naval Torpedo Station handling military communications. Within a few months, however, slick, shiny "90-day Wonders" from the military-industrial-complex started arriving at Keyport edging out Thordarson and his team, who were benched then forced into retirement, just sitting in a back room gathering dust.

Fortunately, Thordarson and his Old Oak Team were allowed to remain in their back room.... until 3 or 4 years ago when Keyport officials decided to clean up and throw them all out on to the street. Luckily, a tall, strapping Nuclear Submariner became aware of their plight and, recognizing all that they had contributed to communications history, found a hospice for them at the Radio Club of Tacoma. There Dr. Morel and his assistants bathed them, performed minor operations, and made a few substitutions to get the Old Oak Team to function almost as well as they had in the 1930's.

At the Radio Club Thordarson had been allowed to continue in his position until suddenly one day he rebelled...he "lost it", went berserk, started smoking (a "no-no"), raised a big stink, and died. Dr. Morel removed him from his position and Pete, the new assistant, performed an autopsy.

All associated with Thordarson knew he had a magnetic personality and suspected that that he had a heart of gold. But the autopsy revealed he actually had a heart of copper coils and, since Thordarson was an "organ donor", Pete removed his copper windings for an antenna and other projects.

In this way Thordarson (whose exact ancestry is in dispute because of his gnarled, rusty exterior) continues to help mankind through his copper wire radiating amateur radio signals into the Heavens...at least as far as the Heaviside Layer.....

****

And now the rest of the story by Dr. Morel.....

ANTIQUE RADIO MUSEUM ACTION

On the morning of 1-1-99 for Straight Key Night (SKN), Morel W6LIX, Mac W6NBD and Pete KK7QW met to get the old "Oak" rig on the air. After getting it all tuned up and leaving it in Mac's able hands to hook someone, I, Morel, went for a drink of water

Upon returning I was greeted with, "The transformer is smoking!". Inspection found that the culprit was in the bias supply, so a search was conducted among the junk boxes and, luckily, a replacement was found. So, as Pete disassembled the burnout, Mac and I pulled out the power supply board and got our beauty back in action in about an hour. [Like Lenscrafters..Ed.]

I called CQ on twenty CW and was answered by N6ZFO located near San Francisco, with whom we had an FB QSO for 25 minutes and re-

ceived SKN 59 chirp! After 20 minutes, I started getting a "glass arm", so Mac took over.

A week later we got the Oak rig on 20 meter AM phone and, as we were checking with Hal W7EC, a breaker called and we got RST 599 Plus 30 over from near LAX...

A couple days ago we got a QSL from N6ZFO along with a copy of his logo of SKN contacts, which speaks for itself as follows!.....
"Most interesting QSO: W7OS.....Beautiful chirpy signal begged the question, 'What is it??'

These folks unearthed and restored a mud-covered 1930's breadboard tube rig (211 final) from the Navy Yard in Bremerton and teamed it with a Hammarlund 120 HQ rx... Morel and Mac traded off on key to keep their Morse code crisp and snappy.

"Notably there was less than 50 Hz drift during our 25 min. QSO!"

****

Thordarson would have been proud!

Mid-March—

The only thing to add is that we worked a few more stations on CW and three or four on AM phone with good reports, using the old rig on the centerfed 80 meter dipole fed by a ladder line in the center.

Then Al Churchill and Morel got the old Atlas rig, which has been in the storage for quite a while, on the air. The Atlas was one of the first solid state rigs in ham work and was well advertised, but that American company went bankrupt; however, the memory of a rig popular for a few years in the 70's lives on.

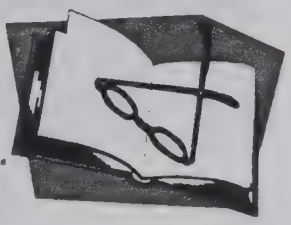
Worth, W7WG

(Ed. Note: Thank you Worth, for the fun story about P.T. and the no smoking rule and the report on the rest of the story! Keep it coming!)



Amateur Radio Exams

in the Puget Sound Region as of January 14, 1999



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Saturday - 1 PM - Boeing **Kent** Rec. Center, 22649 83rd Ave So, Room "C", - Contact Rick Antes, KF7VG, 425-277-2220, Des Moines

2nd Tuesday - 6:30 PM - **Everett** - Sno-Isle Skills Center - 801 E. Casino Rd - Contact Larry Luchi, W7KZE, 425-355-7759, Everett

2nd Tuesday - 7:00 PM - Radio Club of* Tacoma *Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Saturday - 10 AM - **Tukwila** - Denny's Restaurant, #3 13100 48th So., Contact Mary Lewis, W7QGP, 206-523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 Tobin Street - Contact Mike Dinkelman, N7WA, 253-854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 360-793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

3rd Saturday - 10 AM - **Shelton** - Shelton Airport - Contact - Dick Bostrom, N7LD, 360-426-4627, Shelton

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 360-652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 360-456-5571, Olympia

4th Saturday - 10 AM - **Marysville** - Library - 4822 Grove St. - Contact Loren Hole, KK7M, 425-335-5258, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Walt Winters, AA7TL, 360-692-8326, Bremerton

Semiannually - Saturday - 9:30 AM - **Olympia** - Olympia Center, 222 Columbia North - Contact John Steele, AA7WX, 360-491-4682, Olympia

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - 253-845-7652

NO-CODE TECHNICIAN AMATEUR RADIO LICENSE

JOIN THE EXCITING WORLD OF HAM RADIO

ONE WEEKEND CLASS

PREPARES YOU TO TAKE THE TECHNICIAN LICENSE EXAM

Sponsored by

Radio Club of Tacoma

1249 South Washington Street - Tacoma

Fee for the class is $20
Books will be available at the class for $19

Next class will be held on March 6-7, 1999
9 AM to 5 PM each day



To Register, call:

David Dodd - 253-584-3620
or
Al Burleson - 253-474-9023

5/99

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma, WA 98411

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RETURN SERVICE REQUESTED

COMING EVENTS



MAY 1 - Pinochle Potluck, 7 PM, Clubhouse

MAY 5 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

MAY 11 - License Exams - 7 PM - Clubhouse

MAY 12 - Club Meeting - Library Administration Center, 7:30 PM
Program: Propagation of Solar Cycle 23

MAY 15 - BARK deadline (please be as on time as possible!)

MAY 16 - "DK at the Beach"

MAY 26 - Club Meeting- Library Administration Center, 7:30 PM
Program: CW Bingo Join the fun!

JUNE 4-5 – SEAPAC – Seaside, OR

Support OUR club - Attend meetings, volunteer, elmer.

Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
See page 3 for meeting program schedule.

...BRING MAY FLOWERS!

May 1999

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 9:00 AM OPEN HOUSE 7:00 PM PINOCHLE POTLUCK
2 *JOHN, KB7TGE	3  HAPPY MAY	4 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	5 7:30 PM RCT BOARD MTG *MERRIE, KC7IBJ	6	7 *LOU, KB7WDB	8  9:00 AM OPEN HOUSE
9  MOTHER'S DAY BRKFST	10 *MARK, KC7FAA *RUDY, N7CJM	11 7:00 PM ARES NET 145.37R 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R	12 7:30 PM RCT MEETING 112TH ST E & WALLER RD	13 *AL KC7YGC *SHELLEY W7ATB	14 *NICK, N7BCV  NEW MOON MAY 15 ST. HELENS SPECIAL EVENT	15  9:00 AM OPEN HOUSE  BARK DEADLINE ST. HELENS SPECIAL EVENT
16  DK @ THE BEACH ST. HELENS SPECIAL EVENT	17 *PAT WA7UNF	18 7:00 PM ARES NET 145.37R 7:00 PM MVWS LICENSE EXAMS 7:30 PM RCT NET 147.28R *DANNY, KC7KAN	19	20	21 *WADE, WA7OHG	22  9:00 AM OPEN HOUSE
23 *FRANK, AB7YZ	24  MEMORIAL DAY	25 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R *KATHLEEN, N0EYK	26 7:30 PM RCT MEETING 112TH ST E & WALLER RD *STAN, N7KMF	27 *DICK W7RGD *SCOTT KA7IOX	28	29  9:00 AM OPEN HOUSE *STEPHEN, WB7WUX
30 *JOBINA, *SIGNE, W3IIJ  FULL MOON	31 *MARY, W7SKR					

April 1999

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

June 1999

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXVI NR. 5 | W7DK | MAY 1999

FROM THE PRESIDENT



WA7ANJ

Strange creatures, we Washingtonians! The weather has been unusually wet for a seemingly incredible length of time. Yet, when the sun shines for a day and a half, we forget all that rain and truly ENJOY spring; get out the barbecue, dig out the Bermudas - knowing it will be close to freezing at night. But, it DOES lift the spirits!

Kind of like ham radio, when the bands open. We rapidly "forget" the long sunspot cycle lows that sends us to the telephone or e-mail for reliable communication. But HF is a real grin when it kicks in. Nothing like it. In previous "high" cycles - every 11 years (or so) - many of our members were active CB-ers. The sunspots were probably instrumental in turning them to ham radio. They could work Japan or Australia - maybe Florida, but couldn't get to Federal Way. That's the Mystery - and the Magic - of the medium. Is this a great hobby, or what?

This is a great radio club, too. The Radio Club of Tacoma has been around a long time, and has the ups and downs, similar to sunspots, in the history of any long-lived organization. The membership varies, the mission changes, the rules are re-written to address the concerns or the present - CHANGE - the only constant in the formula. We need to look at some changes in our methods of producing income; possibly minor changes in the by-laws regarding elections - two year terms for half the board each year, alternating halves - to provide a stable transition and continuity to the board. We need to educate our members as to what is required to serve on the board - it WILL be a learning experience; it shouldn't be "hazardous to your health"! Also, to sell membership. ALL of us should do this - and inform new members of our history, our aspirations, our goals, and what we expect from THEM: participation in the numerous annual activities, and provide a way (training) to enable them to teach, VE test, write for the Bark.

I don't read minds. I don't think you do, either. Those of you who have an idea, a comment, criticism, suggestion, question or corny joke you would like to share or air, by all means, call me - 253 475 4293 - or e-mail: RTWIG@worldnet.att.net. I have the time. I care. And if WE don't get on track, I believe we're headed into a low that would be better avoided. Don't mean to be gloomy/doomy. INSPIRATION!

Have FUN! with Ham Radio!

73, Roger, WA7ANJ



IN THIS ISSUE...

▶COMING RCT PROGRAMS - Page 3

▶ ARRL NEWS - READ IT! - Page 6

▶ CONTEST CALENDAR - Page 4

▶S MARKS THE SPOT (SUN, THAT IS) -Page 5

▶SURPLUS EQUIPMENT AVAILABLE - Page 14

CHECK IT OUT!

RCT Web Page:
www.w7dk.org

RADIO CLUB OF TACOMA – 1998

PRESIDENT	ROGER TERWILLIGER	WA7ANJ	475-4293
V PRESIDENT	ALAN HUGHES	KB7SVU	840-4947
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TREASURER	CHUCK SOUTER	KA7HJN	863-2650
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CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call Ethel Devish 752-3216 or Eva Anderson 564-8347.

We want to spread sunshine and we certainly don't want to over-

W7DK/Radio Club of Tacoma

147.28 / .88 MHz 144.97 - Packet

147.38 / .98 MHz (PL 103.5)

440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Jeff Bauman, KC7ZWE RCT #2034
15821 Robin Pl SE
Olalla, WA 98359-9563 253-857-3654
kc7zwe@arrl.net

Jay Leatham, KD7DKY RCT #2035
15412 50th Ave E
Tacoma, WA 98446-3906 253-761-1370

Scott P Bennett, Call Pending RCT #2036
3627 66th Ave W
Tacoma, WA 98466-5825 253-381-9457
scott@wa.net

Reinstatements

Address/Phone Changes/Corrections

Jack Braucht, N7WOI Change city to Fife

Peter David, KK7QS Change city to Lakewood

James McCoy, N7RUL
11919 Nyanza Rd SW
Tacoma, WA 98499-1437 Phone Unknown

Stan Warburton III, N7KMF
Nana Warburton, N7OIX
11111 Steele St S Trl 37
Tacoma, WA 98444-6465 Phone Unknown

Tony Zuger, W7AGZ
PO Box 346
Mukilteo, WA 98275-0346 Phone Unknown

Rich Armstrong, NE7T
PO Box 2716
Soldotna, AK 99669-0346 Phone Unknown

Marilyn Thordarson, KB7PCT
Stef Thordarson, KB7PKF
25615 SE 396th St
Enumclaw, WA 98022-8853 Phone Unknown

Fred Sowards, N7UET
14011 80th Avenue Ct E
Puyallup, WA 98373-6400 Phone Unknown

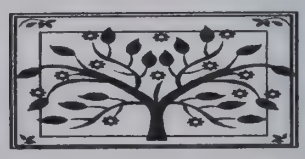
E-Mail Address Changes/Additions

See page 3 for all the e-mail updates.

New Calls/Upgrades

Peter David, KK7QS, upgrade to Amateur Extra
Mick Pier, KK7QW, upgrade to Amateur Extra
Vernon James, KD7COD, upgrade to Tech Plus

Silent Keys



COMING PROGRAMS AT RCT

MAY 12TH - PROPAGATION OF SOLAR CYCLE 23 - We're now almost 2 and a half years into Solar Cycle 23. Tom Sanders, W6QJI, from Port Orchard, will explain what causes the 11-year solar cycles, how band conditions are changing, and what we can expect in the next few years for improved radio communications, including working long distances on 6 and 2 meters. (NOTE: This presentation was originally scheduled in February, but was postponed when Tom had a bad case of the flu).

MAY 16TH - "DK AT THE BEACH" - Owens Beach at Point Defiance Park. Plan on a potluck picnic, family fun, and "Antenna Wars." This will be a JIM KIRKREIT, K7YLM, MEMORIAL EVENT.

MAY 26TH - CW Bingo - Something new! Regular games of Bingo with prizes, but the caller will use CW to announce each square drawn. Those not proficient in reading code will be paired with a person who is proficient, so every one will have an equal chance to win. Plan to attend and have FUN!

JUNE 9TH – AARL Vice Director and DXpedition to Tortola, Jim Fenstermaker, K9JF, from Vancouver, Washington, will be introduced as the new ARRL Northwestern Division Vice-Director. Jim will briefly talk about the latest news from the ARRL, and then narrate a slide program about his recent Dxpedition to Tortola Island in the Caribbean.

JUNE 20TH – Family Picnic/Potluck, games, and pre-Field Day exercise at McChord's Holiday Park.

JUNE 23RD – Final plans for Field Day 99. (NOTE: Meeting will be held at the Clubhouse)

JUNE 25-27 – Field Day

▶▶▶ *ADDRESS CHANGES* ◀◀◀

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to Shirley, N7QHW, @ 253-265-3661.

PINOCLE



at the Clubhouse
1249 So. Washington
1st Saturday, May 1st
Pinochle & Potluck - 7pm
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898

E-MAIL CHANGES AND ADDITIONS



Roy Myers, WA7UZL
e-mail is opamyers@juno.com or
opamyers@tacomaclick.com

Jan Twardowski, K7JT
Change e-mail to k7jt@arrl.net

Byron Kabran, KA3CUK
e-mail is tynf21a@prodigy.com

Clinton Johnson, KA6KWD
Christina Johnson, KC7WZC
e-mail is johnsoncj@msn.com

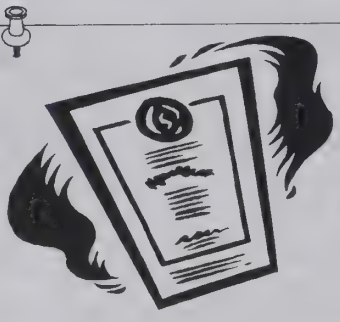
Our web page address has changed -
www.mashell.com/~roblee/rct.htm is now
www.w7dk.org

ARRL MEMBERSHIP

If you haven't joined or rejoined the ARRL, please do so through the Radio Club of Tacoma! The ARRL is the major voice for Amateur Radio in the US and, besides providing a wealth of information to its members, they provide us with a voice in Washington to help protect the interests of all amateurs. Additionally, RCT is an ARRL Special Service Club and RCT needs to have at least 51% of its members belong to the ARRL to retain its Special Service Club status. See the Treasurer for application forms, and bring your ARRL renewal notices and rejoin through the club. The club receives a commission for each new or renewed membership sent through the club.

JOIN TODAY!

See our club treasurer for details.



FIRST CONTACT AWARD

Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First Contact Award will be issued.

MAY CONTESTS



1-2

Connecticut QSO Party, Phone, CW and RTTY
MARAC County Hunters Contest, CW and Phone
Massachusetts QSO Party
Ten-Ten International Net Spring CW QSO Party

8-9

Box Elder County Utah QSO Party
Indiana QSO Party
Nevada QSO Party
Oregon QSO Party

21-23

Texas QSO Party

29-30

CQ WW WPX Contest, CW. See March QST page 96.

Want more info, check **www.arrl.org/contests**

WEB PAGE THANK YOUS!

Big thank you-s, atta boy-s, way to go-s go to Rob Lee, K7TGU, for getting W7DK present on the internet and keeping it updated. We in the RCT really appreciate his efforts and staying power! Thanks Rob! Thanks to Bob Crouch, KG7SM, for taking over as webmaster and moving our site to its new location and to Roger Nace, K8RN, for his help with our new internet address. WOW!

SOLAR STRUCTURES CAN HELP FORECAST LARGEST SOLAR BLASTS

(From NASA's Goddard Space Flight Center, via the Internet)

"S" marks the spot for scientists trying to forecast solar eruptions that can damage satellites, disrupt communications networks and cause power outages.

Using the Japanese Yohkoh spacecraft, NASA-sponsored scientists have discovered that an S-shaped structure often appears on the Sun in advance of a violent eruption, called a coronal mass ejection, that is as powerful as billions of nuclear explosions.

"Early warnings of approaching solar storms could prove useful to power companies, the communications industry and organizations that operate spacecraft, including NASA," said Dr. George Withbroe, science director for Sun-Earth Connection research at NASA Headquarters. "This is a major step forward in understanding these tremendous storms."

"S marks the spot," said Dr. Alphonse Sterling of Computational Physics, Inc., Fairfax, VA, detailed to the Institute of Space and Astronautical Science (ISAS), Japan. "We have found a strong correlation between an S-shaped pattern on the Sun, called a sigmoid, and the likelihood that an ejection will occur from that region within days. Each sigmoid is like a loaded gun that we now know has a high probability of going off."

"The S-shaped regions are the dangerous ones," said Dr. Richard Canfield, a research professor of physics at Montana State University-Bozeman, and lead author on a paper to be published in the March 15 issue of Geophysical Research Letters. "As soon as we can recognize an S-shaped region, we know that it is more likely to erupt. Other common structures look like a butterfly, quite symmetric, and these rarely erupt."

The sigmoid structures are likely the result of twisted solar magnetic fields, said Dr. Sarah Gibson of the University of Cambridge, UK. "The key to the coronal mass ejection is its magnetic field, which can structure and propel the mass outward," said Gibson.

Coronal mass ejections are violent discharges of electrically charged gas from the Sun's corona, or outer atmosphere. The largest explosions in the solar system, they hurl up to 10 billion tons of gas into space at speeds of one to two million miles an hour. The outbursts occur several times a day, but not all are hurled toward Earth.

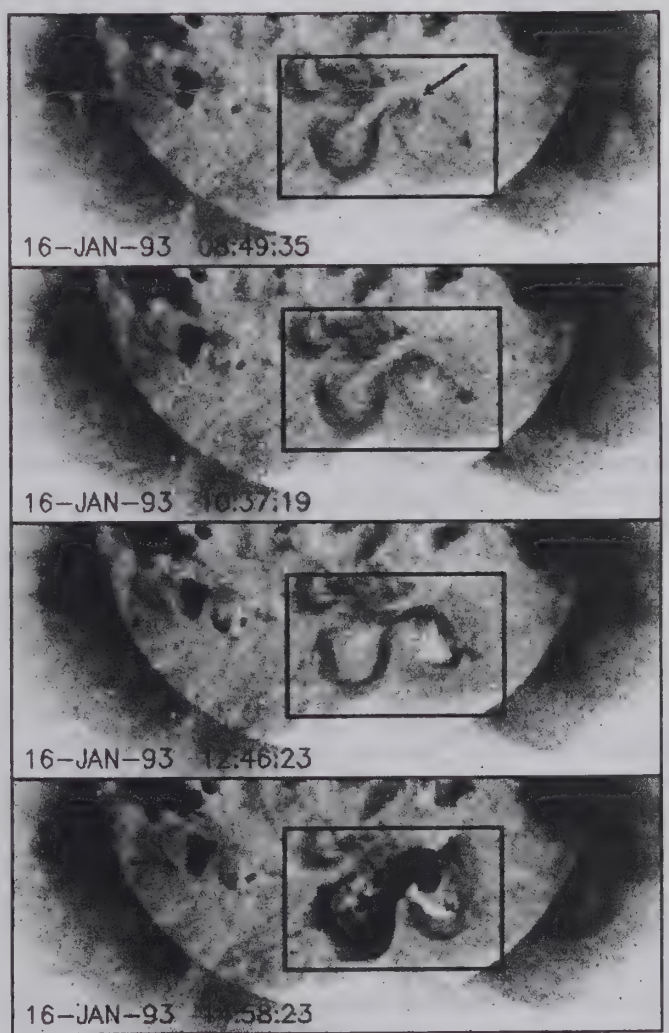
Images from various spacecraft have provided often spectacular images and information after a coronal mass ejection had already erupted, but scientists have been trying for some time to identify a precursor for these events. Sterling and Dr. Hugh Hudson of the Solar Physics Research Corporation, Tucson, AZ, working at ISAS, first observed a relationship between a sigmoid shape before a coronal mass ejection, and an arch-shape afterwards. Later, Hudson and others found the same pattern in several other ejections.

That finding prompted Canfield, Hudson and Dr. David McKenzie, a research scientist at Montana State University, to look for a statistical correlation between the sigmoid shape and subsequent eruptions. They viewed a total of two years of daily X-ray images from the Japanese/US/UK Soft X-ray Telescope on Yohkoh. The composite pictures – 50 images each day – were made into movies for analysis.

"We need to get past simple classifications such as, 'Is it sigmoidal or not, is the sunspot big or small,' and get to quantitative measurements that answer, 'how twisted are the magnetic fields, how big is the spot'," Canfield said. "As well, we want to know in which direction the ejection is going to go and how many regions are likely to erupt."

Ultimately, Canfield continued, the National Oceanic and Atmospheric Administration (NOAA) may be able to include warnings of coronal mass ejections in its space weather forecasts. NOAA is building a Solar X-ray Imager similar to that on Yohkoh, scheduled for launch next year, he said.

(For further information and some startling pictures, see: http://solar.physics.montana.edu/press/)



◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet and other sources.



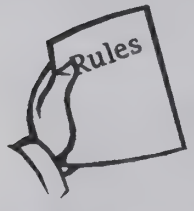
W7BUN

FCC OFFICIAL ACKNOWLEDGES OOs REALLY ARE "OFFICIAL"

The FCC's top amateur enforcer, Riley Hollingsworth, K4ZDH, says that hams who receive notices from ARRL Official Observers should take them seriously or take the consequences. "Failure to take the notices seriously and to take corrective action where possible will not be tolerated by the Commission," Hollingsworth said in an enforcement-related letter to a South Carolina amateur. "The volunteer work of these Official Observers is a critical element of the Commission's enforcement program," he said, adding that failure to act on an OO notice could lead to fines and other sanctions.

FCC ISSUES STRENGTHENED SCANNER RECEIVER RULES

The FCC has amended its rules to strengthen existing prohibitions on scanning receivers that can receive cellular telephone transmissions. While the new rules contain specific exemptions for the Amateur Service, they will have important ramifications for the manufacture of new Amateur Radio equipment that scans frequencies outside the ham bands.



The new rules--released March 31 in a Report and Order--broaden the definition of a scanning receiver to include receivers that automatically switch among two or more frequencies between 30 and 960 MHz that can stop at and receive a detected signal. Still exempted are receivers designed solely for operation as a part of a licensed station. In response to an ARRL request, the FCC clarified that the rules do not apply to Amateur Service receivers unless they cover frequencies outside the ham bands.

AES FOUNDER TERRY J. STERMAN, W9DIA, SK

Terry Sterman, W9DIA, the man who founded Amateur Electronic Supply as a teenager in the 1950s, has died. He was 60 and had been in ill health for several years. Press reports say Sterman, who lived alone, died March 30 following a fire in his Northwest Milwaukee home.

APRS EMERGENCY CALL BRINGS HELP

When Scott Ratchford, KC5JGV, witnessed a bad accident during a snowstorm on Pennsylvania's I-76 recently, he immediately grabbed his cell phone and called 911. When that--and several other possible combinations--failed, he tried an emergency call on 2-meters. Again, no luck. Two people were trapped inside an overturned vehicle, and Ratchford was getting desperate. "Here I am in the middle of who knows where, a huge snowstorm, a serious accident, folks needing help, no one answering on .52" he said in a March 8 posting about the incident on the APRS Special Interest Group. "So, I switch the MIC-E to 7, and hit the button." This sent an emergency mike-encoder signal out over the Automatic Position Reporting System.

Ratchford's emergency beacon was spotted by several stations who immediately contacted the Pennsylvania State Police. But the cops "don't do latitude and longitude," said Dan Velez, W4DJV, in Virginia, one of the stations monitoring the call. Clay Owen, AA3JY, in Pennsylvania, had better luck. He also called the state police and was able to give them references to exits and route numbers, thanks to APRS+ and the Delorme Street Atlas. "I also gave them the name of the individual to be contacted, thanks to QRZ built into this program," he reported.

HAM TRADER YELLOW SHEETS

After 38 years in business, the Ham Trader Yellow Sheets will cease publication. The twice-monthly classified publication is being absorbed into the Amateur Radio Trader, according to an announcement in the last edition of the Yellow Sheets. "It has been increasingly difficult to continue to provide the reliability and low cost that we always have in the past", said a statement from Founder and Editor Al Brand, and Publishers Dave and Barbara Brand Wixon. Yellow Sheets subscribers will automatically get an Amateur Radio Trader subscription, while the subscriptions of ART subscribers who also subscribed to the Yellow Sheets will be extended. Amateur Radio Trader of Crossville, Tennessee, is published by TAP Publishing.

W7HF HONORED

On March 14, the town fathers of Aberdeen, Washington, joined friends and neighbors of George "Dewey" Wilson, W7HF, to celebrate his 100 years as a town resident. Wilson, who turns 102 later this year, is an active ARRL and QCWA member. He's a member of the Grays Harbor Amateur Radio Club. Wilson was first licensed in 1913 (although he admits to a little bootlegging before that time). He renewed his driver's license in time for his 100th birthday but says he's not driving much any more--just "around town."

(NOTE; DEWEY IS ALSO AN HONORARY MEMBER OF THE RADIO CLUB OF TACOMA)

VY0 BECOMES EFFECTIVE APRIL 1

The new Canadian Territory of Nunavut, VY0, comes into effect on April 1, 1999. To reflect this new addition, Nunavut will become a separate multiplier in the two RAC Contests, commencing with the RAC Can-

ada Day Contest on July 1, 1999

SWATCH BEATS AWKWARD RETREAT: SPUTNIK WON'T FLY

Swatch Watch says the "Beatnik" satellite will not be sent into space from the Russian Mir space station as planned. The watchmaker says "a virtual Beatnik" will carry the messages in cyberspace instead and invited "Beat" fans to "stay tuned and join the first cybermission!"

At the same time, both the Associated Press and Reuters are reporting that a satellite was launched by hand from Mir during a space walk by ESA astronaut Jean-Pierre Haignere, FX0STB, and Russian cosmonaut Viktor Afanasyev. If the reports are accurate, it's not clear whether the satellite launched was the planned "Beatnik" spacecraft or a spare mini-Sputnik that's been aboard Mir since 1997. Reuters said the satellite was one "built by French amateur radio enthusiasts." The report quotes Russian space center spokeswoman Vera Medvedkova as saying, "It is finished. They launched the satellite."

AP said the satellite put into space was one "made by Russian and French schoolchildren" that contained "a recording of their voices." The spare mini-Sputnik aboard Mir--a duplicate of the one launched in 1997 to mark the 40th anniversary of the original Sputnik--is believe to contain only a 2-meter beacon transmitter. As of April 16, there have been no monitoring reports.

EMERGENCY EFFORT GETS NATIONAL TV COVERAGE

An effort to obtain health-and-welfare information via Amateur Radio from Yugoslavia war zone got some national media attention recently. Thanks to efforts by the ARRL, Diane Ortiz, K2DO, and Stephan Anderman, K2SMA, a TV news crew from Fox News Channel spent about two hours April 10 at the Long Island home of Midsland Amateur Radio Club President Mike Christopher KG2M, where this operation is taking place. A three-minute feature aired the following day on FNC.

On April 9, Christopher, who's also ARRL New York-Long Island Section Bulletin Manager, activated MIARC's International Emergency Assistance Unit for the purpose of passing health-and-welfare traffic from refugees in the Yugoslavia war zone to family and loved ones in the United States. This is being accomplished with the help of Drago, T94GB, in Bosnia-Herzegovina, the only country in the Balkans with which the US has a third-party traffic agreement.

T94GB will be QRV daily on 80 meters with the war zone and refugee areas, gathering health and welfare traffic, then passing that to the IEAU on 15 meter SSB for forwarding to the National Traffic System.--The Hudson Loop via Mike Grant, N2OX

RETESTING, SHORT-TERM RENEWALS ARE ENFORCEMENT TOOLS

The FCC's top amateur enforcer, Riley Hollingsworth, K4ZDH, says he plans to make judicious use of both the short-term renewal and retesting to boost amateur compliance.

Hollingsworth employed a short-term renewal as a sanction in a recent amateur case where a newly licensed teenaged ham was found to be transmitting music on a police frequency using a modified hand-held. On April 14, Hollingsworth reinstated the ham's Technician license--which had been suspended--but imposed a one-year renewal. Local police in New Jersey had reported to the FCC that Mike Mustachio, now KC2EUT, had transmitted music on a police frequency for about 12 minutes on March 16--just days before his ham ticket was granted.

Hollingsworth said he spoke with the 14-year-old licensee and his parents before making a judgment call in the case to go with a short-term renewal. He expects the sanction might come in handy in other pending enforcement cases as well, but he still expects to use it only "in rare cases where there are mitigating circumstances and a good likelihood of compliance."

TWO STATE PRB-1 BILLS MOVE CLOSER TO ADOPTION



Lawmakers in Texas and Maine inched closer to passage of legislation to incorporate the federal pre-emption known as PRB-1 into state lawbooks. The bills would require localities to make reasonable accommodations for Amateur Radio communication, including antennas and towers, and minimize local regulation.

FIRST-EVER PSK31 CONTEST HELD

The hottest new HF mode, PSK31, now has its own contest, and the sponsor hopes to make it an annual event. The first-ever TARA PSK31 Rumble, sponsored by the Troy Amateur Radio Association, took place Saturday, April 17.

PSK31 is a keyboard-to-keyboard communication mode that operates in a very narrow bandwidth, so it's very easy to tune past a QSO in progress and never notice. Operationally, it's much like traditional 45-baud RTTY, so you can do everything from just monitoring to getting in a roundtable. PSK31 also has shown itself to be a real trouper in weak-signal situations.

To get up and running on PSK31 you need a PC that runs Windows and that is equipped with a sound card, PSK31 software (available via the Web), and a stable HF SSB transceiver. Several versions of PSK31 software are available as zipped files on the Internet. The latest PSK31 software includes a couple of tuning aids that make finding and tuning signals much simpler. The "official" PSK31 Web site is http://aintel.bi.ehu.es/psk31.html, operated by Eduardo Jacob, EA2BAJ.

QRZ KOSOVO?

Ham contact with Kosovo? Have you or someone you know recently been in contact via Amateur Radio with an amateur in Kosovo? If so, ARRL's PR department wants to hear from you. Please contact Jennifer Hagy, N1TDY, at 860-594-0328 or send e-mail to jhagy@arrl.org.

OH2BH BRIEFLY ACTIVATES NORTH KOREA

Renowned DXer Martti Laine, OH2BH, who first activated North Korea in 1995, briefly appeared on the air early April 21 from North Korea signing P51BH. According to the ARRL DXCC Desk, Laine showed up on 20-meter CW around 0530 UTC, then shifted to 14.195 SSB at around 0640 UTC and later to 21.295 on SSB. The short operation ended just before 0800 UTC.

"Countless DXers have been eagerly waiting for activation of North Korea," said Laine in a press statement. "This country is the rarest of them all—for good reason." North Korea remains isolated from the rest of the world, and visits are allowed only for special purposes. Transmitting by radio from North Korea has been, and still is, a highly sensitive issue, he added.

Laine's visit—his sixth to North Korea—was not intended to be a full-blown DXpedition, however, but another in a series of what he calls "DX missionary efforts." The objective was introduce the concept of Amateur Radio to those who have the power to decide its future in North Korea.

Several minutes of audio from the P51BH operation may be heard on 9K2HN's home page,

http://www.qsl.net/9k2hn.

1999 FIELD DAY BRINGS RULE CHANGE, NEW PIN

Participants in ARRL Field Day—the most popular annual operating event in the US and Canada—will encounter one significant change in rules for this year's event, June 26-27. Those using batteries to power their equipment now will be able to charge them while in use. The change affects all entry classes except Class D (home stations using commercial power; home stations using emergency power, including rechargeable batteries, should enter in Class E). In the past, only Class C (mobile) stations could charge batteries while in use. As previously, batteries must be charged from a power source independent of the commercial mains.

For the first time, the ARRL is making available annual Field Day pins to show your participation in the 1999 event. You don't have to make a minimum number of contacts or achieve a particular score level. You just have to participate!

FIELD DAY IS COMING!

NOTES FROM DAVI



Well, it is tax day and I have just finished my tax return. Now on to the more important stuff.

This will be a day to remember in a historical context. April 15, 1999 is the day that w7dk.org appeared on the World Wide Web. Give it a look http//:www.w7dk.org. Put a bookmark in your favorites. Tell a board member what you think.

We did not get enough people to sign up for the March No-Code Technician cla May and June weekends are filled with activities - Mo ers Day (9th), W7DK at the beach (16th), Yakima Ha fest (23-23), Memorial Day (31), SEAPAC (5-6), V natchee Hamfest (11-13), W7DK picnic (19) and Fi Day (25-27). We typically have not tried to teach a cl in July and August, so it looks like it will be this fall fore we will have another week-end class.

George, KK7FM and I were talking at the me ing last night about trying a week-night class like we u to teach the course. The old course was 2 1/2 hour cl once a week for 10 or 11 weeks. We could also d twice a week class for 4 or 5 weeks.

To complicate things, I am off to the Philippi again on Saturday (4/17) for three weeks (If all goes w If all does not go well, who knows.) So when you reading this I won't be in the country. Have also procr tinated myself out of getting Philippine license ag One of these days I have to get organized.

If you know someone that would like to par pate in a week-night class, have them call Geor KK7FM, 253-756-1127 (email gnoble@multicare.co George has some Boy Scouts that he would like to through a class in time for Field Day. If we can enough students for a week-night class, it would s sometime in the last half of May. We have sort of in mally set an minimum of 10 students to run a class, s is important that people call and register and not just pect to show up the first day of the class.

73, David



MINUTES

Radio Club of Tacoma
General Membership Meeting
4 March 1999

The meeting was called to order at 7:30 PM by the president Roger Terwilliger, WA7ANJ. The flag salute was led by Tressie, KC7BAL, and was followed by the introduction of everyone present.

Correspondence: None

Program: Jerry, W7BUN, presented a video on new Kenwood equipment. Thank you, Jerry, for all your efforts in presenting the programs.

Committees:

ARES-RACES: Volunteers are needed for the Daffodil Parade, March Of Dimes Walk A Thon, and the Toure DE Pierce Bike Race. The National Medical Disaster event will be held on April 21. If anyone is interested in volunteering for any event, contact Alan Hughes, KB7SVU, at kb7svu@juno.com.

Training: A Novice Class for 16 and under is under consideration. Anyone interested please contact David Dodd WB7AUJ. He also needs instructors for the classes.

Field Day: Everyone interested in Field Day should contact George, KK7FM, or Mick Pier, KK7QS. Field Day is the last weekend in June.

Long Range Planning: The Electrical wiring at the Clubhouse will be brought up to Code on April 14.

Flea Market: Frontier Park needs a lot of staffing. Contact Chuck, KA7HJN, or Roger, WA7ANJ.

Hints and Kinks:

Hal, W7EC, converted a CB Antenna to a 2meter 5/8 wave mag mount. If anyone is interested contact him because he is willing to share his knowledge.

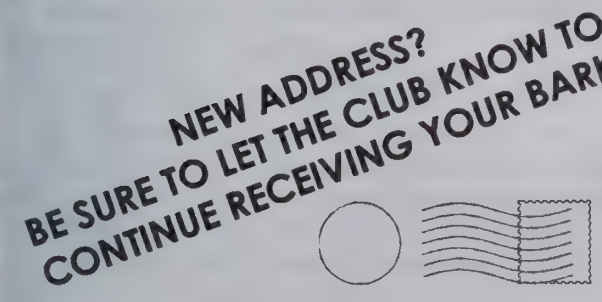
For the good of the order:

Merle Handy, W7QLG, needs someone to replace him in selling the books.

Alan Hughes, KB7SVU, has been elected to a two year term as President of the Mike and Key Club. Tressie Hughes, KC7BAL, is the new Activities Director for the Mike and Key Club.

The meeting was adjourned at 8:40 PM.

Respectfully submitted,
Nora A. Simmons, KC7JME, Secretary
Radio Club of Tacoma





Radio Club of Tacoma
Board Meeting Minutes
7 April 1999

The meeting was called to order at 7:30 PM by the president Roger Terwilliger, WA7ANJ. Other board members present were George Noble, KK7FM, Ed Root, KC7OKS, Chuck Souter, KA7HJN, Alan Hughes, KB7SVU, Worth Gurley, W7WG, David Dodd, WB7AUJ, and Nora Simmons, KC7JME. The guest was Al Burleson, K7HW.

Treasurer's Report:

General	$2,187.87
Flea Market	1,272.56
WMFS Fund	9,987.80
Scholarship CD	3,143.77
Total	$16,592.00

Flea Market: Two reservations have been received for tables. A treasurer is needed for the Flea Market. Anyone interested contact Chuck, KA7HJN.

Training: There is a $20.00 fee for the two day tech class. New training tapes will be needed soon.

Ares-Races: Alan Hughes, KB7SVU, needs volunteers to participate in the upcoming events.

Equipment Custodian: A motion was made by Ed, KC7OKS, and seconded by Worth, W7WG, to accept a list of items for bid from Al Churchill, KC7YGC. The motion passed.

Old Business: Elmer Board is finished.

New Business: $50.00 was allocated for an ad to be placed in WWRA.

Ed, KC7OKS, will take responsibility for receiving the membership dues.

The Annual Corporate Report was assigned to the Secretary to file.

The Board voted to participate in the Western Washington Fair in September.

A letter from the City of Tacoma concerning a sign variance of a nearby business was reviewed
and found not to be in the way of the Radio Club.

The meeting was adjourned at 9:00 PM.

Respectfully submitted,
Nora A. Simmons KC7JME, Secretary, Radio Club of Tacoma
Roger Terwilliger, WA7ANJ, President

ARES/RACES

As I write this it is only the middle of April so those torrential rains could still be out there but hasn't this sunshine been wonderful. It came just in time for the fun events that we help support. But it is still important to keep your eyes and ears open and volunteer when needed. Check into the weekly ARES/RACES Communication Net on each Tuesday at 7:00 PM on the 145.37 WC7AAO repeater for up to the minute information. The tone is removed for the net so no one has to worry about not getting in. Each zone also has its own weekly simplex net so please remember to check into your zone net also. Times and frequencies follow:

Zone 1 (Gig Harbor and Peninsula Area) Monday 7:00 PM 145.35R (no tone)
Zone 2 (Lakewood, Univ Place, etc) Tuesday 6:45 PM 146.46S
Zone 3 (Tacoma, some of Puyallup Area) Tuesday 7:15 PM or immediately after County Net 146.53S
Zone 4 (Tacoma, some of Puyallup Area) Tuesday 7:15 PM or immediately after County Net 146.53S
Zone 5 (Puyallup, Graham, Eatonville, etc Areas) 7:30 PM or immediately after County Net 146.58S
Zone 6 (Bonney Lake, Buckley, Orting, etc Areas) 7:30 PM or immediately after County Net 146.58S

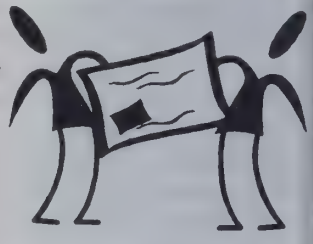
Events for the near future are the Sound to Narrows in June and the Tour de Pierce, which I believe is in June also. For those of you in Gig Harbor, the annual Gig Harbor parade is the first weekend in June. This parade is lots of fun and help is needed. Contact Mark, KC7BBO on 145.35 repeater to volunteer or check into the weekly net and volunteer at that time. Please contact Stan, N7KMF, or Nana, N7OIX, at 253-845-9023 for all other events. They really need your help so please consider participating in at least one of these events and more if possible.

There are other leadership positions and a hospital leadership position still available. If you can help with any of the leadership positions, contact Alan, KB7SVU, at 253-840-4947 or Bob Tilley, KB7NBQ, at 253-875-0755.

For those of you who already are members, remember, check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Alan or Shirley. If you have not joined ARES/RACES and would like to, contact Alan, KB7SVU, ARES Emergency Coordinator and RACES Radio Officer at 253-840-4947 or see Shirley, N7QHW, at any Radio Club of Tacoma meeting for an application.



N7QHW



73 and again thanks for volunteering!
Shirley, N7QHW

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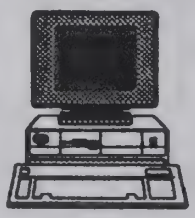
AJ7Y

DOUGLAS K. SMITH
Attorney at Law
102 Tacoma Mall Plaza
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RADIO CLUB OF TACOMA

W7DK

SECOND BYTE
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Roy Richards
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Bremerton, WA 98311
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E-mail: 2ndbyte@kendaco.telebyte.com

Radio Club of Tacoma License Exams

MAY 11, 1999

7 PM RCT Clubhouse
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.25. For information call:
Shirley Murphy, N7QHW @ 253-265-3661

W7DK AT THE BEACH

May 16th, 10:00 AM - 4:00 PM

"Jim Kirkreit Memorial Event"

Antenna Wars, Hot Dogs, Tall Tales and Other Fun Things!

WD4NGB FIRST TECH/PLUS LICENSEE TO MAKE 10M HONOR ROLL!

(Here's an interesting e-mail I received from a DX reflector. It might give our club Techs an incentive to upgrade! Jerry)

Many of you probably know Bruce, WD4NGB, one of the most active and prolific Dx Operators on 10 Meters. Bruce just worked ZV0SB for DXCC Country Number 322, which will qualify him for the Honor Roll on 10m Mixed, ssb and cw.

This effort started in ernest back in 1991, when Bruce checked his logs to see his total country count. At that time, he had 125 countries confirmed, and another 50 worked. His goal then was to reach the 300 level before the prior cycle ended.

When he reached the 275 country level, Bruce first learned about the DXCC Honor Roll, and set his goal at being the first Technician/Plus class licensee to make the Honor Roll on 10M SSB only. Bruce now has a total of six cards to come in, and when those are received he will submit his records for 10M HR, Mixed mode. He then hopes to replace just three cw contacts with ssb qso's, so that he would then have the 10M Honor Roll position on the single band/ single mode of ssb.

Bruce has used three hf rigs to work all of this DX, but it has all been worked using his home-made 7 element monobander on a 45-foot boom at 90 feet.

Bruce's only concern now is that the FCC will make him a General Class under restructuring before his cards come back to allow him to receive what is likely the first Tech/Plus to make the Honor Roll !!! (BTW, does anyone know of any other Tech/Plus to do accomplish this ??)



You might want to check the following "Celebration Page" on Bruce's website: http://www.qsl.net/wd4ngb/4.htm

Congratulations Bruce -- WD4NGB !!!! DX and 10M Lives !!!!!

Editor's Notes

de NØEYK

E-Mail address:
kathleen@naceplace.com



Hello from the city that never sleeps - Las Vegas! We have been enjoying our stay here, seeing several shows and wondering at the beauty of the massive new hotel/casino complexes. Our stay has gotten extended some as the van is in the shop getting a new transmission.

Since the last BARK we spent about 10 days doing a number of astronomy related tour visits. In NM we visited the VLA (Very Large Array) Radio Telescope – both the operations center and the dish array itself. The operations center also handles all the data from the VLBA (Very Large Baseline Array) Radio Telescope, which is made up of 10 dish antennas from HI to the Virgin Islands. (Do I see potential for a radio club program?) We had a couple of friends with us, one who had worked at the Op Center for 2 years, so there was some very detailed information that not everyone gets. We also visited the Kitt Peak Observatories outside of Tucson (one of the VLBA dishes is there too) and Lowell Observatory in Flagstaff. One of the telescopes at Lowell was the one that was used in the discovery of Pluto. We got to view Mizar and its companion (one of the stars in the handle of the big dipper) with the 16 inch reflector there. It was lots of fun and very interesting.

As President Roger commented on in his article, we, as a club, need to look at some changes in how things are done in the club. One of the items he mentioned was a change in election of board members to provide for greater continuity within the leadership to facilitate long range planning and understanding and carrying out those plans. Roger (husband) and I are members of an astronomy club that has a 9 member board, each board member serves a 3 year term with 3 members elected each year. The club officers are then chosen by the board from within the ranks of the board. It has been working well for that club for years and might be an option we would want to consider. Please give Prez Roger your opinion/ comments.

Please make note of all the activities of the club and attend — maybe even participate... YOU are the ones who make all our projects successful! Opportunities include elmering (the board is ready now!), teaching and related events, DK at the Beach, Field Day, Flea Market, THE FAIR, museum. The list goes on... Encourage each other to do more and do better for the club and for each other. YOU can make a difference!

See you here in June. 73, Kathleen

FLEA MARKET 1999

By now I hope each of you have blocked off September 10-11 for the Club's Flea Market at Frontier Park.



Since this is the primary source of income for the Club it is imperative we make it as successful as possible. The fixed expenses of our Club to operate the Clubhouse and the various services it provides requires we have a good source of income. Dues alone will never cover the "required" annual expenses for the House. It would be possible to eliminate the house, and just hold meetings at the library headquarters...but having belonged to a Club without a Clubhouse, and now the Radio Club of Tacoma with a Clubhouse, I would never want to go back.

Roger, WA7ANJ, has graciously agreed to be the keeper of the flyers for the Flea Market. This means if you are going to an event where we could publicize our Flea Market please contact him for some to take along with you. Likewise, if you know of a place where a flyer would help advertise the event, get a flyer from Roger and help get the word out. Being in a new location, and on a different date from years past we must inform as many folks as possible.



Lorraine Robertson, KA7WGG, has also stepped forward and agreed to keep track of the finances this year. Val, N7VGO, has done this important job in years past, and will pass along his knowledge.

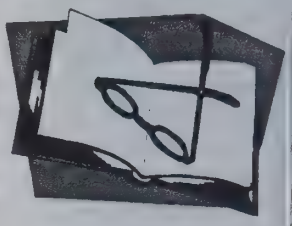
Frontier Park is open every day, so if you have the chance drive thru and check out the facility. As you view the grounds imagine it was the Flea Market is in full swing.... do you have any suggestions ? If you have any, please pass them along so we can plan ahead.

Please plan to attend the set up on September 10th, and the event on the 11th. There will be a myriad of jobs for each of us to get done - but, as in years past, many helping means no one is stuck with more than they can handle. I have been impressed with how what seemed like an impossible task to set up and tear down was quickly accomplished by them embers pitching in - this year should be no exception.

73, Chuck, KA7HJN

Amateur Radio Exams

in the Puget Sound Region as of January 14, 1999



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Saturday - 1 PM - Boeing **Kent** Rec. Center, 22649 83rd Ave So, Room "C", - Contact Rick Antes, KF7VG, 425-277-2220, Des Moines

2nd Tuesday - 7:00 PM - Radio Club of* Tacoma *Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 360-456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Denny's Restaurant, #3 13100 48th So., Contact Mary Lewis, W7QGP, 206-523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 Tobin Street - Contact Mike Dinkelman, N7WA, 253-854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 360-793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

3rd Saturday - 10 AM - **Shelton** - Shelton Airport - Contact - Dick Bostrom, N7LD, 360-426-4627, Shelton

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 360-652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

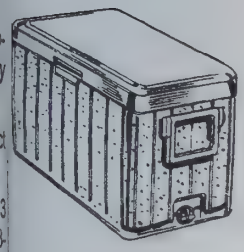
4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 360-456-5571, Olympia

4th Saturday - 10 AM - **Everett** - Everett Housing Authority - 14th and Popular - Contact Loren Hole, KK7M, 425-335-5158, Lake Stevens

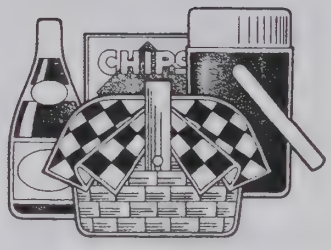
4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Walt Winters, AA7TL, 360-692-8326, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - 253-845-7652

W7DK ...at the beach!



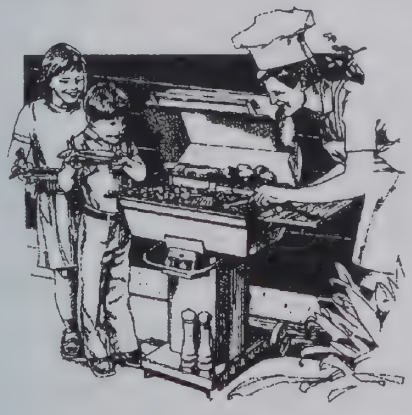
Sunday, May 16
10am – 4pm



Located at...

Owens Beach at Point Defiance

Club will provide the hotdogs, pop, and coffee!



Bring…

- Your favorite antenna!
- Your favorite dish!

…and best of all…

- Yourself, friends and relatives!

Bring a salad or desert when you come.

Talk-in on **147.28**

For More Information, contact Alan, N7EAY at 253-475-7413

W7DK SURPLUS EQUIPMENT

The following is a list of surplus club property that is being disposed of. Items will be sold by sealed bid. If you are interested in an item you can contact me for more details or to arrange to see the item. Items not sold will be collected for sale at our fleamarket in September.

I will begin accepting bids MAY 1, 1999. Bidding is closed MAY 31, 1999. Bids will be opened JUNE 1, 1999.

Al Churchill KC7YGC
253-847-3215

E-mail: kc7ygc@juno.com
Custodian.

All items are "AS IS".	**Min. bid or offer**
1: Dummy Load,Yaesu, model yp150	$20/_____
2: Variable p/s, Eico, model 10645. 6 or 12vdc 10/20 amp	$30/_____
3: Autek audio filter QF-1	$ 2/_____
4: Capacitance analyzer, Pyramid. Sn 10819	$ 2/_____
5: Reg p/s, Radio Shack 12vdc-2.5a 4t315	$10/_____
6: 2m Transceiver, I-Com model I-c28a sn 18007	$30/_____
7: Sprague Tel-ohmike, analyzer TO-4 SN 939199	$ 4/_____
8: Dentron Radio, 160 xverter with manual	$10/_____
9: Transceiver, Eico model 753. 20-40-80 sn F1800	$20/_____
10: Precision apparatus E400 SN 1843 sweep generator	$ 2/_____
11: Scope, Eico, 435. Sn4095	$10/_____
12: Sprague Kwik Test Cap Checker KT-1 SN 549963	$ 2/_____
13: VTVM HP 410 B SN 5685	$ 5/_____
14: Transceiver DRAKE with AC p/s 10—80 SN 1205	$20/_____
15: PS, Ritz Electronics, 12v, 8amp, new SN 9795	$45/_____
16: Keyer, MFJ 407B New.	$30/_____
17: RCA ssb marine radio (2 to 10 mc) SN 5041	$ offer_____
18: Tranceiver, Heathkit with ac p/s, 2m (packet)	$20/_____
19: 11 Meter antenna 3-ele beam Fair condition	$10/_____
20: Tranceiver, Kenwood TS-520 SN 5500338 ac/dc	$50/_____
21: Drake UV-3 FM Transceiver 144, 220, 440. SN 5148 with PS-3 power supply SN 713 (NOT WORKING)	$ offer_____
22: Heathkit Reg LV PS. IP-27 SN 9182939 (not working)	$ offer_____
23: Eldorado 225 Freq counter, 10 mc. SN389926 with manual	$20/_____
24: B&K Transistor tester model 520 SN 3800696	$ 5/_____
25: Eico model 369 Marker generator	$ offer_____
26: Heathkit TV alignment generator TS-3	$ offer_____
27: Desk mike, gold colored. 4 pin connector (2 each)	$ offer/ea___

TCN 1999

6/99

HE LOGGER'S BARK
adio Club of Tacoma, Inc.
O Box 11188
acoma, WA 98411

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TACOMA, WA
PERMIT NO. 1078

ETURN SERVICE REQUESTED

COMING EVENTS

UNE 2 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

UNE 4-5 – SEAPAC – Seaside, OR

UNE 8 - License Exams - 7 PM - Clubhouse

UNE 9 - Club Meeting - Library Administration Center, 7:30 PM
Program: ARRL Vice Director and DXpedition to Tortola

UNE 12 – Pinochle Potluck – 7 PM – Clubhouse

UNE 15 - BARK deadline (please be as on time as possible!)

UNE 20 - Family Picnic/Potluck & pre-Field Day exercise at McChord

UNE 23 - Club Meeting– at the CLUBHOUSE, 7:30 PM
Program: Final Field Day planning



UNE 25 – 27 – Field Day — Y'all come!

upport OUR club - Attend meetings, volunteer, elmer.
e listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
ee page 3 for meeting program schedule.

SEAPAC, McChord picnic, Field Day ...a busy month!

June 1999

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R *ROY WA7UZL	2 7:30 PM RCT BOARD MTG	3	4 *DIANA WA7BLF	5  9:00 AM OPEN HOUSE
6	7	8 7:00 PM ARES NET 145.37R 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R	9 7:30 PM RCT MEETING AT THE CLUBHOUSE *AL KA7BIY	10	11	12  9:00 AM OPEN HOUSE *DAVID N7WGM ARRL VHF QSO PARTY
13 *ANGELA KC7EQ ARRL VHF QSO PARTY  NEW MOON	14 7:00 PM PINOCHLE POTLUCK *BOB KC7HIR *TOM N7QHX ARRL VHF QSO PARTY  FLAG DAY	15 7:00 PM ARES NET 145.37R 7:00 PM MVWS LICENSE EXAMS 7:30 PM RCT NET 147.28R  BARK DEADLINE	16 *JAY KD7DKY	17 *MARY KC7SYW	18	19  9:00 AM OPEN HOUSE *BRIAN *JOHN KC7ZQY KIDS DAY OPERATING EVENT
20 *BEN K6VBC  HAPPY FATHER'S DAY KIDS DAY OPERATING EVENT	21 *ROGER K8RN  SUMMER	22 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	23 7:30 PM RCT MEETING AT THE CLUBHOUSE *CHRIS KD7CZL *HARRY KB7WYO *MARK KC7AFO	24 *SHIRLEY N7QHW	25 *GRACE AD7S *LOUIS KC7VUM  FIELD DAY SET UP	26  9:00 AM OPEN HOUSE  FIELD DAY
27 *JACK N7WOI *LAURENCE WA7QEW *NORM KC7DCN  FIELD DAY	28 *MIKE KC7UFV  FULL MOON	29 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	30 *CAL W7SFT *DAVID KA7CMZ			

May 1999

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23	24	25	26	27	28	29

July 1999

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25	26	27	28	29	30	31

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXVI NR. 6 | W7DK | JUNE 1999

FROM THE PRESIDENT

Greetings to all RCT members. As everyone s aware Roger has resigned as President thus moving me up to President. I have appointed Mick Pier, KC7TVM, *(now KK7QS...ed.)* as the new Vice President. I believe that Mick will do a great job. He will be a good asset to the club.

I realize that some people might have a question about me being the President of two Amateur radio clubs. Well I want to take the time to set he records straight. I know that I can handle the obs and I see no conflict of interest. When I am vith the RCT I will give it 100% just as when I am vith the Mike and Key I will give them 100%. What t boils down to is my loyalty is to amateur radio. I vould like to thank the board members for their support. To me the hardest part of the job is writing his news letter. I am not one to be long winded. I ike to be to the point and hate to use a bunch of iller so bear with me.

I have a number of things to bring up over the next few months. The first is participation in club activities. We have a number of activities coming up such as field day and the fleamarket that need people to come forward and help. Don't sit back and say that someone else will do it. Step forward and do it yourself. I hear people say that they don't know what or how to do something or that others will make fun of them if they do something wrong. When I started in Amateur radio I had to learn as I went. Yes I made mistakes but I learned from my mistakes and now I am president of two clubs, ARES EC and Races radio officer. I am not asking for a large commitment but I am sure that everyone can spare a few hours. So sign up to help.

If you have ideas or suggestions give me a call or E-mail me. I may not always agree with you but I will always listen.

Til next month take care. Alan, KB7SVU

IN THIS ISSUE...

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▶**SETI** - Page 12

▶**FAMILY PICNIC AT MCCHORD** - Page 9



CHECK IT OUT!

RCT Web Page:
www.w7dk.org

RADIO CLUB OF TACOMA -- 1998

PRESIDENT	ALAN HUGHES	KB7SVU	840-4947
V PRESIDENT	MICK PIER	KK7QS	847-8223
SECRETARY	NORA SIMMONS	KC7JME	847-5124
TREASURER	CHUCK SOUTER	KA7HJN	863-2650
BOARD (5)	DAVID DODD	WB7AUJ	584-3620
	WORTH GURLEY	W7WG	582-3844
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	GEORGE NOBLE	KK7FM	756-1127
	ED ROOT	KC7OKS	851-7463
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COMPOSITOR	KATHLEEN NACE	NØEYK	209-5624
PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call a club officer to pass on the word to the appropriate person(s).

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.28 / .88 MHz 144.97 - Packet
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Reinstatements

Address/Phone Changes/Corrections

Danny Burgess, KC7KAN
Shelley Burgess, W7ATB
PO Box 88250 #210
Steilacoom, WA 98388-0250 253-582-1848

Stan Warburton, N7KMF
Nana Warburton, N7OIX
New Phone is 253-581-8348

E-Mail Address Changes/Additions

Dave Barber, K7LHB
Catdave88@aol.com

Nora Simmons, KC7JME
kc7jme3@juno.com

Christel Cook, KC7UFL
myst_capulet@yahoo.com

New Calls/Upgrades

Scott Bennett, KD7FDF
Mick Pier, KK7QS *(Correction from last issue...ed.)*
Peter David, KK7QW *(Correction from last issue...ed.)*

Silent Keys

Charles Sherman, W7ELB
Dan Kelly, N7QWH
Bill Brown, N7TEQ



ADDRESS CHANGES

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to Shirley, N7QHW, @ 253-265-3661.

COMING PROGRAMS AT RCT

JUNE 9TH – ARRL Vice Director and DXpedition to Tortola, Jim Fenstermaker, K9JF, from Vancouver, Washington, will be introduced as the new ARRL Northwestern Division Vice-Director. Jim will briefly talk about the latest news from the ARRL, and then narrate a slide program about his recent Dxpedition to Tortola Island in the Caribbean.

JUNE 20th – Family Picnic/Potluck, games, and pre-Field Day exercise at McChord's Holiday Park. (see article elsewhere in this issue)

JUNE 23rd – Final plans for Field Day 99. **(NOTE: This meeting will be held at the Clubhouse)**

JUNE 25-27 – Field Day - LeMay Property in Parkland (see article elsewhere in this issue)

JULY 14th - CW Bingo - Something new! Regular games of Bingo with prizes, but the caller will use CW to announce each square drawn. Those not proficient in reading code will be paired with a person who is proficient, so every one will have an equal chance to win. Plan to attend and have FUN!

JULY 28th - Using RF Test Equipment - See demonstrations using capacitance and inductance bridges, dip meters, impedance measuring devices, and SWR meters. Members are invited to bring rolls or pieces of coaxial cable to be tested for impedance and loss. Learn how to make 1/4 or 1/2 wavelength coax stubs for impedance matching. Hal, W7EC, and Bob, W7SKI, will present this interesting and educational program.

THE PUYALLUP FAIR

IT IS COMING SOON!!

Do the PuWOWup!

SEPTEMBER 10 – 26, 1999

Just a friendly reminder that the Puyallup Fair is coming sooner than you think. We have had in the past and will again have this year a booth in the Hobby Hall to promote our hobby of Amateur Radio.

If you have ideas for the booth, want to be one of the members who staff the booth, want to help out by handling the fair message traffic and/or have an interest in being the coordinator for the club in the year 2000 by being the assistant this year - "belly up to the bar", sign up and let's all get to work. All ideas, comments, and help are welcome.

The shifts this year will be on Sunday through Thursday 10:00 AM to 2:00 PM, 2:00 PM to 6:00 PM and 10:00 PM and on Friday and Saturday morning and afternoon are the same and the evening shift will be from 6:00 PM to 11:00 PM. We will have 2 persons per shift. We only get enough tickets to staff for 2 persons per shift. The calendar will be available for signing up in June so start looking at your calendars and plan ahead.

Volunteers, ideas and comments are welcome. Call Shirley at 253-265-3661 or e-mail to Shirley at sundance@harbornet.com. Always remember that if you have an idea or comment, you may be asked to be in charge of it. Words alone will not complete the project.

73 Shirley, N7QHW
Radio Club of Tacoma Puyallup Fair Booth Coordinator



PINOCLE



at the Clubhouse
1249 So. Washington
2nd Saturday, June 12th
Pinochle & Potluck - 7pm
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898

◈ News from the ARRL ◈

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet and other sources.



W7BUN

MFJ PURCHASES HY GAIN

MFJ Enterprises, Inc. has purchased the Telex-Hy Gain Company. Hy Gain will continue operating as a separate entity, but will be moving its production facilities to Sraksville, MS, the home of MFJ. Hy Gain introduced two new vertical antennas at the Dayton (OH) Hamvention in May.

ARRL NAME CHANGE COULD BE ON PAPER ONLY

In lieu of a legal name change, the ARRL Executive Committee will recommend to the Board of Directors to emphasize the abbreviation "ARRL" in conjunction with the tag line "The National Association for Amateur Radio." The action came at the Committee's meeting May 1 in Irving, Texas. The move, if accepted by the full Board, would not actually change the name of the organization, but the "ARRL" moniker and tag line would appear on all League correspondence and publications instead of the full name. The EC also recommended putting off further discussion of a name change at least until the January 2000 board meeting.



ARISS READIES HAM ANTENNAS FOR SPACE

There's been recent forward progress in activities to establish a permanent Amateur Radio presence in space aboard the International Space Station. Training models--or "mockups"--have been prepared of the antennas that eventually will be deployed for Amateur Radio on the International Space Station, and pattern testing is under way on some antenna systems. Four flight antenna systems are being developed to support Amateur Radio operation from the ISS on 20, 15, 10, and 2 meters, plus 70 cm, L-band and S-band.

The antenna system being developed for ISS includes a dualband VHF/UHF antenna, a multiband microwave antenna, and a diplexer mounted on a plate that attaches to an extra vehicular activity handrail clamping device. These four antenna systems will attach to four bulkhead Service Module feedthroughs, made available to the ARISS international team through the efforts of Sergej Sambourov, RV3DR.

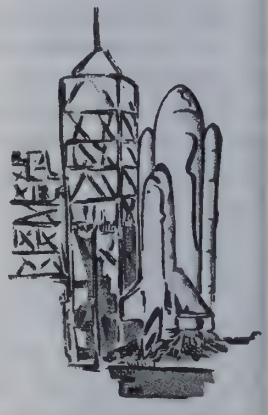
The VHF/UHF and HF antennas were developed by the ARISS team members in the US. They use a flexible measuring tape covered with yellow Kapton as the driven element. A large circular piece of Delrin provides a solid mounting interface and houses the connector and attachment hardware. The design is very robust and has no sharp edges. The microwave antenna system, developed by the Italian ARISS team, will support L-band and S-band operation. The microwave antenna design chosen by the ARISS team is a flat spiral antenna. This dual-use antenna--intended for ham operations as well as NASA/Energia use--also enables the ISS crew to transmit and receive local video during space walks. A diplexer, designed and developed by the Italian team, provides an efficient split in radio signals between the lower frequency (HF/VHF/UHF) antenna and the microwave antenna. The antennas, diplexer, EVA "clothespin-type" handrail clamp, and the various coaxial cable connections will be integrated in the US on an antenna system plate developed by the US team, Bauer said. The four antenna systems being developed for flight will be installed around the perimeter of the Russian developed Service Module, which will serve as an orbiting outpost for the ISS crew. A "high fidelity" EVA mockup developed by the AMSAT-NA/ Goddard Amateur Radio Club team in Washington, DC, has been delivered to Matt Bordelon, KC5BTL, in Houston for evaluation by the NASA Johnson Space Center EVA engineers.

All Amateur Radio initial station hardware is slated for launch on the STS-101 mission.

SPECTRUM PROTECTION BILL COLLECTS COSPONSORS

ARRL Legislative and Public Affairs Manager Steve Mansfield, N1MZA, reports that as of May 7, there were 49 cosponsors on HR 783, The Amateur Radio Spectrum Protection Act. Recent cosponsors include Rep Tom Davis of Virginia, the Republican Congressional Campaign Committee chairman.

SAREX MISSION DELAYED AGAIN



The next Space Amateur Radio EXperiment shuttle flight has again been delayed. The flight will carry the Chandra X-ray Observatory. NASA has decided to postpone mating the observatory with its inertial upper stage (IUS) pending additional progress in the US Air Force investigation into problems with the April 9 launch of a Department of Defense satellite. The launch had been set for July 9. The STS-93 mission is the only SAREX opportunity scheduled for 1999.

REMINDER–ARRL OUTGOING QSL SERVICE FEES HAVE CHANGED

League members are reminded that the ARRL Outgoing QSL Service fee schedule was revised effective January 1, 1999. The current fees are $6 per pound (or portion of a pound), $1 for 10 cards, $2 for 11-20 cards, and $3 for 21-30 cards. Packages accompanied by the incorrect fee will be processed, but senders will be billed for the additional fee.

OPERATOR WARNED IN K7IJ SHUTDOWN CALLED FOR RETESTING

The FCC has notified one of the figures in the K7IJ repeater shutdown case–Timmy O. Sheen Jr, N6MZA, of San Diego–that he must re-take his Technician Plus amateur examination under the supervision of FCC personnel. Sheen must complete the retesting by June 30. If he fails to appear for retesting his license will be cancelled.

In an unrelated case, the FCC on May 6 set aside the Technician class grant to Jeffrey C. Dressler of Cypress, California. Dressler had been issued KF6VOT on April 5. A letter from Hollingsworth said the FCC erred in granting the ticket. The FCC is currently looking into allegations of unlicensed operation by Dressler on the W6NUT repeater in the Los Angeles area.

DONALD L. STONER, W6TNS, SK

The man who conceived of Project OSCAR, Don Stoner, W6TNS, of Clearwater, Florida died May 4. He was 67. Stoner reportedly had been in ill health for some time.

QRN vs QRNN?

A member recently asked about the distinction between QRN and QRNN. A search of our QST database via the ARRLWeb Members Only page revealed the source of this made-up Q-signal. It appeared as a Stray in the August 1931 issue of QST: "W6KX suggests a new abbreviation, QRNN, meaning man-made static, power leaks, etc. The difference between QRNN and plain QRN is that the former may let up in a short time, while the latter, when bad, usually lasts for some hours." Our Spring 1931 edition of the Callbook revealed that W6KX, since reissued, was held in 1931 by Keith LaBar of Hollywood, California. The term reportedly has limited currency today on the amateur bands and in SWL circles.

FCC DROPS AMATEUR ENFORCEMENT LINE IN FAVOR OF E-MAIL, US MAIL



The FCC says it now wants Amateur Radio enforcement complaints via e-mail or US mail and has discontinued its Amateur Enforcement Line (202-418-1184). The FCC this week requested that amateur-related complaints be sent via e-mail to fccham@fcc.gov or via the US Postal Service to Compliance & Information Bureau, ATTN Amateur Radio Complaints, 1270 Fairfield Rd, Gettysburg, PA 17325.



ICOM AMERICA INC TO SPLIT INTO US AND CANADIAN ENTITIES

ICOM America Inc will split into two corporate entities–ICOM America and ICOM Canada–on July 1. ICOM America's President Bob Brunkow, K7NHE, will become sole owner of the ICOM Canada distribution business and will head north of the border to take over ICOM Canada as its new president and chairman. Brunkow, 52, has been with ICOM for nearly 28 years. He'll maintain a consulting role with ICOM America after the split, which he said was a result of internal restructuring on ICOM's part. Hiro Nakaoka, JK3UZC, will become president of ICOM America. Nakaoka has been with ICOM Inc since 1984 and with ICOM America since 1994.

1999 FIELD DAY BRINGS RULE CHANGE, NEW PIN



Participants in ARRL Field Day–the most popular annual operating event in the US and Canada–will encounter one significant change in rules for this year's event, June 26-27. Those using batteries to power their equipment now will be able to charge them while in use. The change affects all entry classes except Class D (home stations using commercial power; home stations using emergency power, including rechargeable batteries, should enter in Class E). In the past, only Class C (mobile) stations could charge batteries while in use. As previously, batteries must be charged from a power source independent of the commercial mains.

For the first time, the ARRL is making available annual Field Day pins to show your participation in the 1999 event. You don't have to make a minimum number of contacts or achieve a particular score level. You just have to participate! Pins are $5 each.

UoSAT-12 LAUNCHED AND FUNCTIONING

The latest Amateur Radio satellite, UoSAT-12, was successfully launched April 21 just before 0500 UTC from the Baikonur Cosmodrome in Kazakhstan aboard a converted Soviet SS-18 ICBM. This marked the first time a Russian missile designed for war had been converted to peaceful purposes to carry a commercial satellite into space. Under the terms of the START arms reduction treaty, the former Soviet Union's entire arsenal of SS-18 Satans must be destroyed or used for peaceful purposes.

The downlink is 9600 baud FSK and can be copied on 437.400MHz. The satellite is considerably larger than

UO-22 or TO-31, and carries a propulsion system for orbital housekeeping experiments. UoSAT-12 carries a number of imaging payloads (with an up to 10-meter image resolution) along with digital store-and-forward communications on VHF and UHF. Mode L/S transponders will also be supported with a high-speed digital downlink. Planning is under way to open UoSAT-12's transponders for general amateur use.–AMSAT News Service

FCC SPIKES RESTRUCTURING RUMORS AT DAYTON

The big FCC announcement about Amateur Radio license restructuring that many hams erroneously had been expecting at the Dayton Hamvention turned out to be that there would be no announcement. Speaking to a packed house at the Sunday FCC forum at Dayton Hamvention, Bill Cross, W3TN, of the FCC's Wireless Telecommunications Bureau spiked rumors that the FCC would have something substantive to say at Dayton about Amateur Radio restructuring, WT Docket 98-143. It was not to be. According to Cross, the Commission had not decided anything as of May 13. Cross said the FCC received 2250 comments from the amateur community in the proceeding. Comments have been read and filed, he said.

Cross offered his take on what the FCC might do, inferring that the Commission would propose either three or four license classes, no more, no less. Cross also said the Universal Licensing System would be going into effect for Amateur Radio later this year, and it will incorporate the vanity call sign program. The system will replace the venerable Form 610 series with a new, inclusive electronic document known as Form 605. ULS will permit amateurs to file applications, modifications or renewals via the Internet. Individual hams will not be required to file electronically, however. He encouraged hams to register for the ULS. For more information, visit the FCC's Amateur Radio page, http://www.fcc.gov/wtb/amateur/.

LEAGUE URGES FCC TO EXPEDITE RESTRUCTURING

The ARRL has urged the FCC to act "without delay" on Amateur Radio restructuring and has suggested that the Commission adopt the League's restructuring plan as its own in order to speed up the process. In a May 19 letter to the FCC, the League said that the state of limbo created by the current FCC Amateur Radio restructuring proceeding is stifling Amateur Radio's growth, as current and prospective hams await an FCC Report and Order.

The League asked the FCC to adopt the League's restructuring plan in a Report and Order "at the earliest possible time."
The ARRL told the FCC that its comprehensive plan of four license classes and two Morse code testing tiers–5 WPM and 12 WPM–plus refarming of the Novice/ Technician Plus HF CW subbands "constitutes a reasonable middle ground proposal." The League said that adopting its restructuring plan in toto was "the best means of accomplishing increased growth in the Amateur Service" and of continuing Amateur Radio's value as a "cornerstone of telecommunications development."

DAN KELLY, N7QWH

Dan, N7QWH, became a silent key at his home on Saturday, May 1, 1999. We all were aware of Dan's physical problems and the difficulty the physicians were having in finding the problem. It was a time of frustration for him, Terry, his wife, and children and family. Our thoughts and prayers go out to help them cope during these stressful times.

Dan was an active member of the club throughout his time as a member. He loved Field Day and you could always count on him to be there. He and Brian, KA7KUZ, spent one vacation radio hopping to the Glacier-Waterton Hamfest and on into the Northwest Territories representing the Radio Club of Tacoma. They had a great time.

Dan originally became licensed with the early no code hams but realized before long that he wanted more. He worked very hard and soon captured that elusive 20 WPM code and achieved that all important Amateur Extra Class License. He toyed with changing his call to his first name but somehow did not get it done. I always joked with him that he would miss our bantering back and forth with our calls and people getting them mixed up.

He was a Volunteer Examiner, attended Field Day each year, helped to mail the BARK each month (the last time was 2 days before his death), a member of the whiskey group and was a friend to all.

We wish you a fond farewell Dan, a good friend, and keep those air waves clear for us.

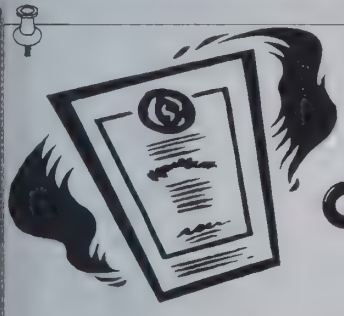
73 Shirley, N7QHW

ARRL MEMBERSHIP

If you haven't joined or rejoined the ARRL, please do so through the Radio Club of Tacoma! The ARRL is the major voice for Amateur Radio in the US and, besides providing a wealth of information to its members, they provide us with a voice in Washington to help protect the interests of all amateurs. Additionally, RCT is an ARRL Special Service Club and RCT needs to have at least 51% of its members belong to the ARRL to retain its Special Service Club status. See the Treasurer for application forms, and bring your ARRL renewal notices and rejoin through the club. The club receives a commission for each new or renewed membership sent through the club.

JOIN TODAY!

See our club treasurer for details.



FIRST CONTACT AWARD

Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First Contact Award will be issued.

ON THE WEB **www.w7dk.org** Come see us!

JUNE CONTESTS



5

QRP TACtical Contest

12-14

ARRL June VHF QSO Party.
TOEC WW Grid Contest
ANARTS WW RTTY
Portugal Day DX Contest

19-20

Kid's Day Operating Event,
All-Asian DX Contest, CW
SMIRK QSO Party
West Virginia QSO Party

26-27

Field Day.

Want more info, check **www.arrl.org/contests**

TO ALL SNOW BIRDS!! MAIL FORWARDING!

If you go south for a time in the winter, please let me know so I can change the mailing of your BARK to your winter address. Also, let me know the dates that you will be there so I can change it at the appropriate time back to your local address.

The Post Office will not forward third class bulk mail. They return it to us and we are notified that you are temporarily away. At that point, I remove you from the active mailing list until I know you are back in town. Each time a bark is returned, we are charged $.55 so I do not continue to mail them in hopes that you will be there the next month.

Notify me by e-mail sundance@harbornet.com , by mail or by telephone 253-265-3661.

Thanks Shirley, N7QHW

ARES/RACES

As I write this it is the middle of May and rains could still be out there and the snow has still to melt. It continues to be important to keep your eyes and ears open and volunteer when needed. Check into the weekly ARES/RACES Communication Net on each Tuesday at 7:00 PM on the 145.37 WC7AAO repeater for up to the minute information. The tone is removed for the net so no one has to worry about not getting in. Each zone also has their own weekly simplex net so please remember to check into your zone net also. Times and frequencies follow:

Zone 1 (Gig Harbor and Peninsula Area) Monday 7:00 PM 145.35R (no tone)
Zone 2 (Lakewood, Univ Place, etc) Tuesday 6:45 PM 146.46S
Zone 3 (Tacoma, some of Puyallup Area) Tuesday 7:15 PM or immediately after & County Net 146.53S
Zone 4 (Tacoma, some of Puyallup Area) Tuesday 7:15 PM or immediately after County Net 146.53S
Zone 5 (Puyallup, Graham, Eatonville, etc Areas) 7:30 PM or immediately after & County Net 146.58S
Zone 6 (Bonney Lake, Buckley, Orting, etc Areas) 7:30 PM or immediately after County Net 146.58S

Events for the near future are the Sound to Narrows in June and the Tour de Pierce, which I believe is in June also. For those of you in Gig Harbor, the annual Gig Harbor parade is the first weekend in June. This parade is lots of fun and help is needed. Contact Mark, KC7BBO on 145.35 repeater or e-mail at kc7bbo@juno.com to volunteer or check into the weekly net and volunteer at that time. Please contact Stan, N7KMF, or Nana, N7OIX, at 253-845-9023 for all other events. They really need your help so please consider participating in at least one of these events and more if possible.

There are other leadership positions and a hospital leadership position still available. If you can help with any of the leadership positions, contact Alan, KB7SVU, at 253-840-4947 or Bob Tilley, KB7NBQ, at 253-875-0755.

For those of you who already have a card, remember, check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Alan or Shirley (info at the end of the article).

If you have not joined ARES/RACES and would like to, contact Alan, KB7SVU, ARES Emergency Coordinator and RACES Radio Officer at 253-840-4947 or see Shirley, N7QHW, at any Radio Club of Tacoma meeting for an application.

73 and again thanks for volunteering
Shirley, N7QHW



N7QHW

ACCIDENT & BODILY INJURY
LAW OFFICES OF
DOUGLAS K. SMITH, P.S.
(206) 471-1000
(800) 585-8500
AJ7Y

DOUGLAS K. SMITH
Attorney at Law
102 Tacoma Mall Plaza
2702 South 42nd Street
Tacoma, Washington 98409

RADIO CLUB OF TACOMA

W7DK

SECOND BYTE
NEW & USED MS-DOS COMPUTERS
ACCESSORIES, PERIPHERALS, AND UPGRADES
N7ARO
Roy Richards
642 NE Woods Ct.
Bremerton, WA 98311
Voice/Fax: (360) 479-2619
E-mail: 2ndbyte@kendaco.telebyte.com

Radio Club of Tacoma License Exams

JUNE 8, 1999

7 PM RCT Clubhouse
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.25. For information call:
Shirley Murphy, N7QHW @ 253-265-3661

W7DK AT

HOLIDAY PARK

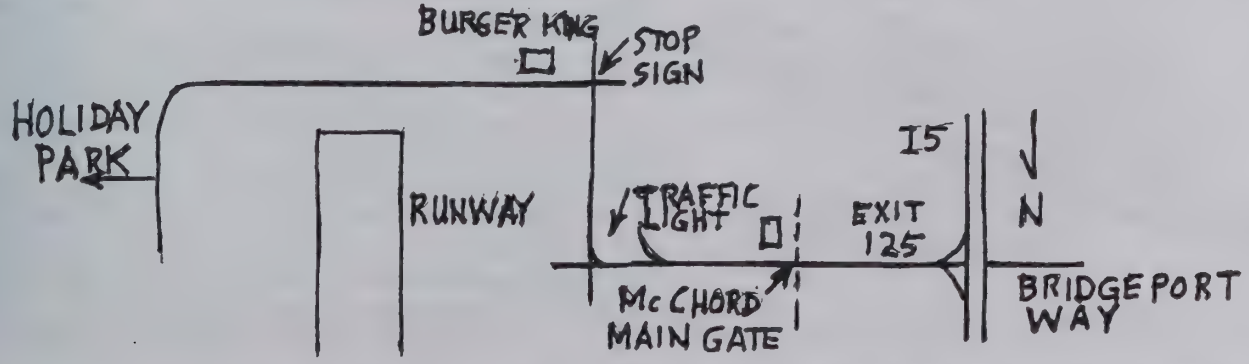
Family Event at McChord AFB

SUNDAY, JUNE 20, 11 AM TO 5 PM

PICNIC, POTLUCK, HORSESHOE TOURNAMENTS,
PINOCHLE, LARGE PLAYGROUND FOR KIDS,
PRE-FIELD DAY EXERCISE
INDOOR PAVILLION IN CASE OF RAIN
SEE THE MILITARY'S HUGE LOG PERIODIC ANTENNA
LARGE BARBEQUE PIT (BRING CHARCOAL)
PRACTICE ERECTING A FIELD DAY TOWER

THE CLUB WILL PROVIDE:	BRING:
HOT DOGS	HOT DISH, SALAD,
POP	OR DESSERT,
COFFEE	FRIENDS &
	RELATIVES

If you don't have a military sticker on your car, tell the guard at the main gate you are going to the Amateur Radio and MARS picnic. You may have to show your driver's license, registration, and proof of insurance and you will be admitted to the base.



Talk in - 147.28. For details, call Bud, K7BUD, at 253-752-3155

MINUTES

Radio Club of Tacoma
General Membership Meeting
14 April 1999

The meeting was called to order at 7:30PM by the President, Roger Terwilliger WA7ANJ. The Flag salute was led by Mick Pier, KK7QS, and was followed by the introduction of everyone present.

Treasurer's Report:

General	$2,187.87
Flea Market	1,272.56
WMFS Fund	9,987.80
Scholarship CD	3,143.77
Total	$17,592.00

Program: Slow Scan Television - Norris Saari, W7LAP, talked about and demonstrated how Slow Scan Television works.

Committee Reports:

Flea Market: It is Sept. 11 at the Pierce County Fairgrounds. Lorraine Robertson, KA7WGG, will be the treasurer for the flea market.

ARES-RACES: Sound to Narrows Race on June 12. Contact Alan Hughes, KB7SVU, to volunteer.

Training: No new classes are scheduled.

"DK at the Beach": The Jim Kirkreit Memorial event will be held on Sunday May 16 at Owens Beach. It will a Potluck Picnic. A lot of things are planned, come out and enjoy yourselves.

Field Day: A site has to be found.It is on the last weekend of June. Sunday, June 20 will be a pre-field exercise held a McChord"s Holiday Park. Bring the family and a dish for the potluck picnic.

Repeater: The 440 repeater is down.

www.w7dk.org , the Web Site for the Radio Club of Tacoma, is on line thanks to Roger Nace, K8RN, and Bob Crouch, KG7SM.

The elmer board is finished and will be at all the meetings.

The Meeting adjourned at 8:45 PM.

Respectfully submitted,
Nora A. Simmons, KC7JME, Secretary
Radio Club of Tacoma



Radio Club of Tacoma
General Membership Meeting
28 April 1999

The meeting was called to order at 7:30 PM by the Presi dent Roger Terwilliger, WA7ANJ. The flag salute was le by Mick Pier, KK7QS, and was followed by the introduc tion of everyone present.

Program: ICOM America canceled. Clay, K7CR, gave talk on what has happened in the Broadcasting Industr and in Amateur Radio.

Flea Market: Mick, KK7QS, has the flea market flyers.

New Business: Roger, WA7ANJ, has resigned as Presi dent effective 1 May 1999. Alan, KB7SVU, now VP, wi become the President.

There was no Treasurer's Report, Committee reports, c old business.

The meeting adjourned at 8:45 PM.

Respectfully submitted,
Nora A. Simmons, KC7JME, Secretary
Radio Club of Tacoma



Radio Club of Tacoma
Board Meeting Minutes
5 May 1999

The meeting was called to order at 7:25 PM by Presiden Alan Hughes, KB7SVU. Other board members present were Chuck Souter, KA7HJN, Morel Guyot, W6LIX, Worth Gurley, W7WG, George Noble, KK7FM, Mick Pie KK7QS, and Nora Simmons, KC7JME. Guests were Al Burleson, K7HW, and Ray Winter, KD7CFS.

New Business: Resignation of Roger Terwilliger, WA7ANJ, as president and the appointment of Mick Pie KK7QS, as vice president.

Committees:

ARES-RACES: Sound To Narrows Race on June 12.

Repeater: The 440 machine is off Spar Pole Hill. A new site is being considered. It is the Parkland Light and Water tower on 128th street.

Flea Market: Mick KK7QS, has the flyers. Any one goin to another flea market contact Mick, KK7QS, and take some flyers with you.

"W7DK at the Beach": Bud, K7BUD, was advanced $100 to buy supplies for the event.

ield Day: Worth, W7WG, is going to check on Fort teilacoom Park for a site.

motion was made to buy a title name badge to wear ith our name badge to identify our position with the pub- c at different events. The motion passed.

he Board approved the minutes as read.

he following are some of the things our president would ke to see happen.

Long Range Planning Committee active again
More Activities
Demonstration of the Military Towers
Antenna Classes
To work closely with the schools
More Publicity for the Club

ne meeting adjourned at 8:30 PM.

espectfully submitted,
ora A. Simmons KC7JME, Secretary
adio Club of Tacoma
an Hughes KB7SVU, President

lent Key: Dan Kelly, N7QWH

FIELD DAY 1999 VOLUNTEER!

SPECIAL SERVICE CLUB

Editor's Notes

de NØEYK

E-Mail address:
kathleen@naceplace.com



Well, we are back in Puyallup r the time being! Sure was good to et "home" - to have the house stop oving! Our newest granddaughter id grown a lot in that 3 1/2 months! ne day we came in was beautiful and ear. We could see the mountain (Rainier) south of akima as we came in from southeastern OR. We sure e lucky to have such a beautiful sight in our back yard! id everything was lush and green ~ it sure is pleasing the eye to have the softness of all the green after all e browns of the desert. This year the desert was late to oom because it has been dry, so there wasn't the nor- al burst of color.

June is packed full of club activities - normal eetings plus the picnic at McChord and Field Day. Also e annual ARRL event, SEAPAC, is happening in OR. ease support our club by participating in these events id spreading the word about ham radio.

See you next month. 73, Kathleen, NØEYK

S SNOWBIRDS – Keep your address current with the ARK. See page 7 for more information.

FIELD DAY IS HERE!

FIELD DAY IS HERE!

AREA SWAP MEETS

SEA-PAC Northwest Division Ham Convention
June 5-6, 1999
Seaside Convention Center
Seaside OR
Talk-in on 146.660- pl=none

Wenatchee Hamfair
June 11-13, 1999
QTH - Dryden Gun Club, Dryden WA
Contact: Roger (WB7SHL) & Donna (N7IIS) Eckhardt
Box 456, Dryden WA 98821
(509)782-4977
or Donna via e-mail
Talk-in on 146.68- pl=156.7

South Coast/Coos County Hamfest
July 31, 1999; 9:00 AM to 3:00 PM
Brandon OR
Talk-in on 147.38+ pl=103.5

Tacoma Electronics Flea Market
Saturday, September 11, 1999, 9:00 AM - 3:00 PM
Frontier Park (Pierce County Fair Grounds)
21718 Meridian Ave. E.
Graham WA 98338-8051
Contact: Roger@(253) 475-4293
or Contact: RCT Club House@(253) 759-2040
Talk-in on 147.38+ pl=103.5 Repeater; 146.58 Simplex

Beiling Ham Radio Fleamarket
Saturday, October 30, 1999, 9:00 AM - 2:00 PM
QTH - Ferndale Band Boosters' Bingo Hall; Ferndale WA
Contact: Al Norton (K7IEY)
1008 Liberty St, Lynden WA
(360) 354-4622
or Contact: Terry Andrew (VE7BUS/W7) via e-mail
Talk-in on 146.74- pl=none Repeater

(Stolen from the M&K web page...ed.)

SCHEDULE YOUR SWAPMEET VISIT

RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.
SIZES Small through XL ARE $36, XXL ARE $40 AND XXXL ARE $43.00.
GET ONE NOW!
Call Shirley, N7QHW, at 253-265-3661, to order yours today!

SETI at Home
You Can Help find ET!

By Roger Nace, K8RN

SETI – the Search for Extraterrestrial Intelligence has been an on-going experiment for a number of years. Basically the technique is to scan all of space "listening" to a set of frequencies with radio telescopes (which are really just huge antennas with LOTS of gain) and process the information with very high-powered super computers. The problems with this are that the computer time is very expensive and the funding is drying up. Plus, ET hasn't phoned home.

Enter the UC Berkeley SETI team with a really crazy idea. That is to search space listening to a very specific frequency, one where navigation beacons might be expected, for signals that act like what beacons should sound like. The computer time for this would be incredibly expensive and would require intensive processing never before attempted. It would take the most powerful super computer in the world. SETI programs could never afford to build or buy that computing power. OK, if you can't use a single huge computer, how about using hundreds of thousands of small computers?

The Berkeley SETI team figured that there are already thousands of computers that might be available for use. Most of these computers sit around most of the time doing nothing. This is where SETI at Home (and you!) come into the picture. The SETI at Home project hopes to convince you to allow them to borrow your computer when you aren't using it and to help them "...search out new life and new civilizations." They'll do this with a screen saver that can go get a chunk of data over the Internet, analyze that data, and then report back the results. When you need your computer back, the screen saver instantly gets out of the way and only continues its analysis when you are finished with your work.

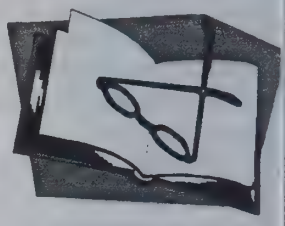
The web site for SETI contains an overview on the theory of how the signals should appear and a great description of the massive calculations that are done on each work unit. If you are interested in these details be sure to read about them from there.

So how are they doing so far? As this is being written (about one week after the "official" start of the project) there are some startling statistics for the progress to date. So far, over 315,000 volunteers have signed up and begun work. Almost 400,000 data sets have been returned to SETI at Home and the total computer time donated to the analysis exceeds 1,300 years (yes years)! This is truly the largest super computer in the world!

I have really enjoyed being part of this effort so far. The data display during processing is interesting and sure beats flying toasters. If this sounds like something that you would like to do, it's really easy to get going. All you need is a Windows or Linux PC or a MAC with at least 32Mb of memory, 10Mb of hard drive space and an Internet connection. Go to http://setiathome.ssl.berkeley.edu/, download the software and start looking.

Amateur Radio Exams

in the Puget Sound Region as of January 14, 1999



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Saturday - 1 PM - Boeing **Kent** Rec. Center, 22649 83rd Ave So, Room "C", - Contact Rick Antes, KF7VG, 425 277-2220, Des Moines

2nd Tuesday - 7:00 PM - Radio Club of* Tacoma *Club house, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contac Jim Elliot, AA7OM, 360-456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Denny's Restaurant, #: 13100 48th So., Contact Mary Lewis, W7QGP, 206-523 9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771 Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 To bin Street - Contact Mike Dinkelman, N7WA, 253-854 4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, High way 2 - Contact Dave Axe, 360-793-2526, W7AGJ, Sul tan

3rd Saturday - every 4th month - 9:30 AM - **Montesan** High School - Pearsall Center, 2109 Sumner Ave. Con tact Nick Bender, NX7W, 360-249-4671, Montesano

3rd Saturday - 10 AM - **Shelton** - Shelton Airport - Contact Dick Bostrom, N7LD, 360-426-4627, Shelton

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building - Con tact Don Jones, KO7I, 360-652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Cen ter, 6400 36th Ave. West - Contact Dwayne Brodersor KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contac Jim Elliot, AA7OM, 360-456-5571, Olympia

4th Saturday - 10 AM - **Everett** - Everett Housing Authority 14th and Popular - Contact Loren Hole, KK7M, 425-335 5158, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Techni cal Bldg, Olympic College - Contact Walt Winters AA7TL, 360-692-8326, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 1230 80th Ave East, Puyallup, WA 98373 - 253-845-7652

W7DK FIELD DAY - 1999

Family Event at LeMay Property in Parkland

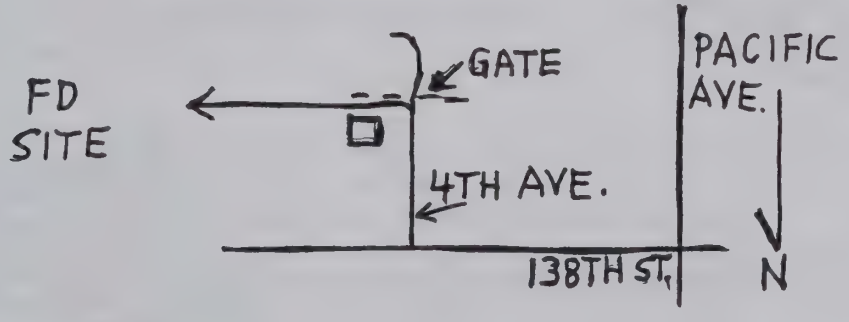
JUNE 25, 26, & 27

FIELD DAY IS THE MOST FUN HAM RADIO ACTIVITY OF THE YEAR. IT'S ALSO A GREAT LEARNING EXPERIENCE. HELP ASSEMBLE BEAM ANTENNAS, PUT UP WIRE ANTENNAS, ERECT TOWERS, OPERATE CW, SSB, AND VHF FM (REGARDLESS OF LICENSE CLASS). OPERATE IN THE FIELD ON GENERATOR POWER. STAY ALL WEEKEND OR VISIT FOR A FEW HOURS.

BRING: OPERATOR'S LICENSE (OR A COPY), LUNCH FOR SATURDAY, POTLUCK DISH FOR SATURDAY EVENING, WARM JACKET, FLASHLIGHT.
(A FIELD DAY CHECK LIST IS AVAILABLE FOR STATION HEADS)

SPECIAL NEEDS: SHELTERS ARE BADLY NEEDED. IF YOU CAN BRING OR LOAN AN RV OR LARGE TENT, CALL JERRY, W7BUN

HELP IS NEEDED AT THE CLUBHOUSE FRIDAY AT 12 NOON TO LOAD THE ANTENNAS AND TOWERS ON TO THE TRAILER. HELP IS NEEDED AT THE SITE FRIDAY AFTERNOON AND SATURDAY MORNING TO ERECT THE TOWERS AND ANTENNAS, AND SUNDAY AFTERNOON TO TAKE THEM DOWN AND RETURN THEM TO THE CLUBHOUSE.



RCT NEEDS ALL MEMBERS TO PARTICIPATE AND MAKE FIELD DAY A SUCCESS AND SHOW A GOOD SCORE IN QST MAGAZINE COMPARED TO OTHER LOCAL CLUBS. TO VOLUNTEER AS AN OPERATOR OR HELPER WITH A STATION OR OTHER FIELD DAY ACTIVITIES, PLEASE CALL JERRY SELIGMAN, W7BUN, FIELD DAY COORDINATOR AT 253-845-7652, OR SIGN THE CLIPBOARD AT THE MEETINGS.

7/99

JULY 1999

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma, WA 98411

NON PROFIT ORG.
U.S. POSTAGE
PAID
TACOMA, WA
PERMIT NO. 1078

RETURN SERVICE REQUESTED

COMING EVENTS

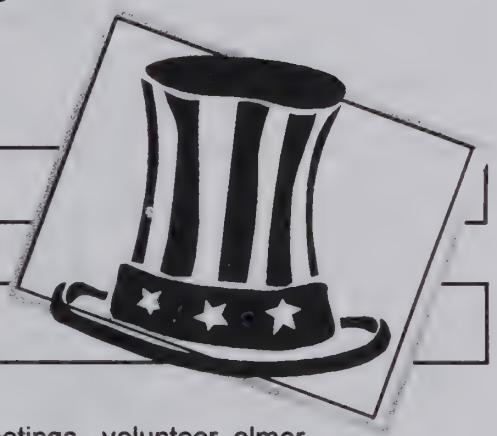
JULY 7 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

JULY 13 - License Exams - 7 PM - Clubhouse

JULY 14 - Club Meeting - Library Administration Center, 7:30 PM
Program: CW Bingo

JULY 15 - BARK deadline (please be as on time as possible!)

JULY 28 - Club Meeting– Library Administration Center, 7:30 PM
Program: Using RF Test Equipment





Support OUR club - Attend meetings, volunteer, elmer.
Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
See page 3 for meeting program schedule. Check the weekly net for updates to the program schedule.

Happy Birthday, USA!

July 1999

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 *ANTHONY KB7MPD *JOHN KC7OQW *MARV KC7JKA *ROBERT N7BH	2 *BARBARA W7UYL *DAVID N7XRJ	3  9:00 AM OPEN HOUSE
4  HAPPY 4TH	5  SUMMER FUN	6 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R *JOHN W7ZTI	7 7:30 PM RCT BOARD MTG	8 *NORMAN N7ILQ	9 *MARY KB7WYP	10  9:00 AM OPEN HOUSE *MICAH KD7CRK *SUSAN N7YFH
11 *MARIE KA7HEG	12 * DAVID KC7OVS  NEW MOON	13 7:00 PM ARES NET 145.37R 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R *SUSAN KC7OQX	14 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD *ARLENE *ART AA7EO	15 *DAVE KB7UXV *HARRY W7HHP  BARK DEADLINE	16 *CLINTON KA6KWD *VERNON KD7COD	17  9:00 AM OPEN HOUSE *MAC W6NBD
18 *MIKE WB7DFQ	19	20 7:00 PM ARES NET 145.37R 7:00 PM MVWS LICENSE EXAMS 7:30 PM RCT NET 147.28R *LORRAINE KA7WGG *TOM KC7TVO	21 *JAN K7JT	22 *SYLVIA KC7UZZ	23 *MARGARET KA7RUQ	24  9:00 AM OPEN HOUSE *ALLEN N7EAY
25	26 *DANIEL W7WA *MARIE KD7DOQ	27 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	28 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD  FULL MOON	29	30 *ROBERT KC7RBB *SONNIA N7NGJ	31  9:00 AM OPEN HOUSE

June 1999

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

August 1999

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXVI NR. 7 W7DK JULY 1999

FROM THE PRESIDENT

I have a saying stuck up on my wall from my father, which I read every day. It goes:

"Acceptance is the answer to ALL my problems today. When I am disturbed, it is because I find some person, place, or situation - some fact of my life - unacceptable to me, and I can find no serenity until I accept that person, place, thing, or situation as being exactly the way it is supposed to be at this moment. Nothing, absolutely nothing happens in this world by mistake. Unless I accept life on life's terms, I cannot be happy. I need to concentrate not so much on what needs to be changed in the world as on what needs to be changed in me and in my attitudes."

Of course, I follow this rule 100% of the time, and I have a lovely lake I'll sell you in Florida. The reason I have this posted on my wall, is that when I am in the middle of some internal crisis, it is where I will see it as a reminder. I have had to apply this principle of life, in moments of upheaval, too many times to count. In the end, it was my lack of acceptance of my part in creating the situation, that was at the heart of the conflict.

With all of the doom and gloom about Ham Radio and RCT, I have often wondered how many Hams could apply this with regard to their relationship to their hobby. Do we want to talk on repeaters, and on HF Nets just to be heard, or are we actively participating in the many opportunities and organizations affiliated with Ham Radio?

The fact that you are receiving this newsletter says two things. You belong to a Ham Radio Club, and you have an interest in Ham Radio.

Ask yourself the following questions, and answer them honestly:

- How many Ham Radio organizations, other than the Radio Club of Tacoma, have you joined?
- In how many of these, do you participate in activities more than twice a month?
- In how many are you an officer, or have run for office?
- In how many do you volunteer to help put on their internal events?
- How often do you leave it for the other guy?
- How often are you too busy to help?
- How many public & community service events (Parades, River Watches, Sporting Events, Weather Watches, Sound Shake, etc.), did you participate in this year?
- How many Hamfests did you attend this year?
- At how many Hamfests did you spend more time shopping and visiting, than helping with set up and tear down?
- For how many events did you volunteer, and find yourself not keeping your complete commitment?
- Do you promote Ham Radio with Non-Ham friends and relatives?
- Are you a positive or negative example for Ham Ra-

Continued on page 3

IN THIS ISSUE...

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▶ ARRL NEWS - READ IT! - Page 8

▶ CONTEST CALENDAR - Page 5

▶CIRCI LOG - Page 11

▶BY-LAWS CHANGES - Page 10

RADIO CLUB OF TACOMA -- 1998

PRESIDENT	ALAN HUGHES	KB7SVU	840-4947
V PRESIDENT	MICK PIER	KK7QS	847-8223
SECRETARY	NORA SIMMONS	KC7JME	847-5124
TREASURER	CHUCK SOUTER	KA7HJN	863-2650
BOARD (5)	DAVID DODD	WB7AUJ	584-3620
	WORTH GURLEY	W7WG	582-3844
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	ED ROOT	KC7OKS	851-7463
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COMPOSITOR	KATHLEEN NACE	NØEYK	209-5624
PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call a club officer to pass on the word to the appropriate person(s).

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma
147.28 / .88 MHz 144.97 - Packet
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Bill M Allen, KD7ENB RCT# 2037
619 175th St
Spanaway, WA 98387-9108 Phone next month

Owen E Ticknor, WA7JZM RCT # 2038
24617 64th Ave E
Graham, WA 98338-7146 Phone next month

Reinstatements

Address/Phone Changes/Corrections

Dick & Edith Strong, KB6PWR/KB7KSY
6906 52nd Street Ct E
Puyallup, WA 98371-3798 Phone 253-845-7937

Dan Hale, KC7IEI
Sylvia Betts, KC7UZZ
908 187th Street CT E
Spanaway, WA 98387-7990 Phone Unknown

E-Mail Address Changes/Additions

Robert Albertson, KB7NBF
e-mail is rgaala@aol.com

Stephen Becker, KC7EUB
e-mail is steveb107@juno.com

James Billingsley, N7RRK
e-mail is jamesg@foxinternet.net

John M Black, N7KN
e-mail is n7kn@qsl.net

Bob Gates, K7IND
e-mail is rgates@foxinternet.net

New Calls/Upgrades

Silent Keys

(Charles) Chuck Nee, W7PWN
Wagner Robinson, N7COT

ADDRESS CHANGES

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to Shirley, N7QHW, @ 253-265-3661.

COMING PROGRAMS AT RCT

JULY 14th - CW Bingo - Something new! Regular games of Bingo with prizes, but the caller will use CW to announce each square drawn. Those not proficient in reading code will be paired with a person who is proficient, so every one will have an equal chance to win. Plan to attend and have FUN!

JULY 28th - Using RF Test Equipment - See demonstrations using capacitance and inductance bridges, dip meters, impedance measuring devices, and SWR meters. Members are invited to bring rolls or pieces of coaxial cable to be tested for impedance and loss. Learn how to make 1/4 or 1/2 wavelength coax stubs for impedance matching. Hal, W7EC, and Bob, W7SKI, will present this interesting and educational program.

IT IS COMING SOON!!



Do the PuWOWup!

SEPTEMBER 10 – 26, 1999

Just a friendly reminder that the Puyallup Fair is coming sooner than you think. We have had in the past and will again have this year a booth in the Hobby Hall to promote our hobby of Amateur Radio.

Volunteers, ideas and comments are welcome. Call Shirley at 253-265-3661 or e-mail to Shirley at sundance@harbornet.com. Always remember that if you have an idea or comment, you may be asked to be in charge of it. Words alone will not complete the project.

73 Shirley, N7QHW
Radio Club of Tacoma Puyallup Fair Booth Coordinator

THE PUYALLUP FAIR

Continued from page 1...

dio? (Be honest with yourself)

- What would your life be like without Ham Radio?
- How much TV do you watch a day, a night, a week, a month, a year?
- How many hours do you spend playing video games, or surfing or chatting on the internet?

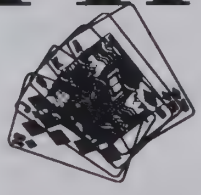
These questions are not directed at any one person in the club, and they are all questions which I ask myself on a regular basis, and yes, I flunk some of them also.

I am just a member who loves his hobby, it's participants, and his club. I have only been a ham since Feb. 93. I would venture to say that 90% of the club knows more about the technical side of Ham Radio than I do. I just know that the best way for me to learn what you know, is by working with you at every possible opportunity. It is more active participation in all aspects of Ham Radio – Service, Social, and Technical, by Licensed and Non-Licensed Ham Radio Operators that will, in the end, save our hobby. You can throw all the money you want at a situation, but unless it fulfills a vital service outside of it's environment, you can never save it. In the end, it is the attitude and commitment of the participants that effects the final outcome.

It's not that much different than the relationships we have with our community, occupations, marriages and children.

Alan, KB7SVU

PINOCLE



SEE YOU IN THE FALL!!!
NEXT PINOCLE
September 11th
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898

ARES/RACES

As I write this, I find that Jury Duty has kept me far busier(and tired) than I thought it would so am not at all prepared to write anything for you. It continues to be important though to keep your eyes and ears open and volunteer when needed. Check into the weekly ARES/RACES Communication Net on each Tuesday at 7:00 PM on the 145.37 WC7AAO repeater for up to the minute information. The tone is removed for the net so no one has to worry about not getting in. Each zone also has their own weekly simplex net so please remember to check into your zone net also. Times and frequencies follow:

- Zone 1 (Gig Harbor and Peninsula Area) Monday 7:00 PM 145.35R (no tone)
- Zone 2 (Lakewood, Univ Place, etc) Tuesday 6:45 PM 146.46S
- Zone 3 (Tacoma, some of Puyallup Area) Tuesday 7:15 PM or immediately after & County Net 146.53S
- Zone 4 (Tacoma, some of Puyallup Area) Tuesday 7:15 PM or immediately after County Net 146.53S
- Zone 5 (Puyallup, Graham, Eatonville, etc Areas) 7:30 PM or immediately after & County Net 146.58S
- Zone 6 (Bonney Lake, Buckley, Orting, etc Areas) 7:30 PM or immediately after County Net 146.58S



N7QHW

Events for the near future are non-existent as far as I am aware. I would like to take this opportunity to thank each and everyone of you that has helped out with events or disasters throughout this year. It can't be done without you. YOU are the key ingredient to success and it is extremely appreciated by all when you volunteer to help.

THANK YOU!! THANK YOU !!! THANK YOU !!!!

There are other leadership positions and a hospital leadership position still available. If you can help with any of the leadership positions, contact Alan, KB7SVU, at 253-840-4947 or Bob Tilley, KB7NBQ, at 253-875-0755.

If you have not joined ARES/RACES and would like to, contact Alan, KB7SVU, ARES Emergency Coordinator and RACES Radio Officer at 253-840-4947 or see Shirley, N7QHW, at any Radio Club of Tacoma meeting for an application.

For those of you who already have a card, remember, check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Alan or Shirley.

73 and again thanks for volunteering

Shirley, N7QHW

ACCIDENT & BODILY INJURY
LAW OFFICES OF
DOUGLAS K. SMITH, P.S.

(206) 471-1000
(800) 585-8500

AJ7Y

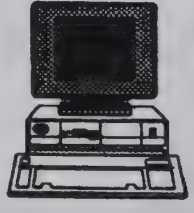
DOUGLAS K. SMITH
Attorney at Law
102 Tacoma Mall Plaza
2702 South 42nd Street
Tacoma, Washington 98409

RADIO CLUB OF TACOMA

W7DK

SECOND BYTE

NEW & USED MS-DOS COMPUTERS



ACCESSORIES, PERIPHERALS, AND UPGRADES

N7ARO

Roy Richards
642 NE Woods Ct.
Bremerton, WA 98311
Voice/Fax: (360) 479-2619
E-mail: 2ndbyte@kendaco.telebyte.com

Radio Club of Tacoma License Exams

JULY 13, 1999

7 PM RCT Clubhouse

1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.25. For information call:

Shirley Murphy, N7QHW @ 253-265-3661

ARRL MEMBERSHIP

If you haven't joined or re-joined the ARRL, please do so through the Radio Club of Tacoma! The ARRL is the major voice for Amateur Radio in the US and, besides providing a wealth of information to its members, they provide us with a voice in Washington to help protect the interests of all amateurs. Additionally, RCT is an ARRL Special Service Club and RCT needs to have at least 51% of its members belong to the ARRL to retain its Special Service Club status. See the Treasurer for application forms, and bring your ARRL renewal notices and rejoin through the club. The club receives a commission for each new or renewed membership sent through the club.

JOIN TODAY!

See our club treasurer for details.

SPECIAL SERVICE CLUB

TO ALL SNOW BIRDS!!

MAIL FORWARDING!

If you go south for a time in the winter, please let me know so I can change the mailing of your BARK to your winter address. Also, let me know the dates that you will be there so I can change it at the appropriate time back to your local address.

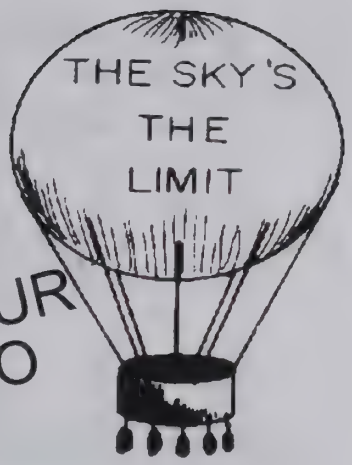
The Post Office will not forward third class bulk mail. They return it to us and we are notified that you are temporarily away. At that point, I remove you from the active mailing list until I know you are back in town. Each time a bark is returned, we are charged $.55 so I do not continue to mail them in hopes that you will be there the next month.

Notify me by e-mail sundance@harbornet.com , by mail or by telephone 253-265-3661.

Thanks Shirley, N7QHW

ON THE WEB **www.w7dk.org** Come see us!

JULY CONTESTS



1

Canada Day Contest

10-11

IARU HF World Championship.
QRP ARCI Summer Homebrew Sprint
CQ WW VHF Contest

17-18

Six Club Six Meter Sprint
Pacific 160 Meter Contest
North American QSO Party, RTTY
SEANET Contest, CW
Colombian Independence Day Contest

24-25

RSGB Islands-on-the-Air Contest

31- August 1

Georgia QSO Party
USI W/VE Islands Contest

Want more info, check **www.arrl.org/contests**

Your Ad Could Be Here!

Call, Shirley, N7QHW
at (253)265-3661 for info.

MEETING MINUTES



Radio Club of Tacoma
General Membership Meeting
12 May 1999

The meeting was called to order at 7:30 PM by the President Alan Hughes, KB7SVU. The flag salute was led by Hal, W7EC, and was followed by the introduction of everyone present.

Correspondence: We received a letter from Radio Amateur Call Book. They have the 1999 Call Book on a CD Rom disk for sale. Anyone who is interested in buying one contact Nora, KC7JME or Alan, KB7SVU.

Program: It was the Propagation of Solar Cycle 23, presented by Tom Sanders, W6QJI.

Committee Reports:

Field Day: Jerry, W7BUN, has been given the job of Field Day Coordinator. Field Day is on June 25th, 26th, and 27th. It will be held in the same place as last year, LeMay's Field in Parkland.

ARES-RACES: June 12th is the Sound To Narrows Race. The Tour De Pierce Bike Race is on June 20th.

Classes: Jerry, W7BUN, needs three more people to sign up for the General Class to begin.

The meeting adjourned at 8:40 PM.
Respectfully submitted,
Nora A. Simmons, KC7JME, Secretary
Radio Club of Tacoma

ELMER TODAY!

RADIO CLUB OF TACOMA
W7DK
ARRL
RADIO CLUB OF TACOMA
W7DK

Radio Club of Tacoma
General Membership Meeting
26 May 1999

The meeting was called to order at 7:30 PM by the Vice President Mick Pier, KK7QS. The flag salute was led by Merle, W7QLG, and was followed by the introduction of everyone present.

Program: Jerry Thye, WØGLT, talked about his experience working with Amateur Radio in China. He works for Boeing in China. The Chinese call Amateur Radio "Radio Sport."

The second Wednesday Meeting will not be a Business Meeting. It will be known as a social gathering. There will be a program but no committee reports.

The meeting adjourned at 8:35 PM.
Respectfully submitted,
Nora A. Simmons, KC7JME, Secretary
Radio Club of Tacoma

Silent Key Wagner Robinson,

NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW TO CONTINUE RECEIVING YOUR BARK

Radio Club of Tacoma
Board Meeting Minutes
2 June 1999

The meeting was called to order at 7:40 PM by the President Alan Hughes, KB7SVU. The Board members present were Ed Root, KC7OKS, Worth Gurley, W7WG, Morel Guyot, W6LIX, George Noble, KK7FM, Mick Pier, KK7QS, and Nora Simmons, KC7JME. The guests were Pete David, KK7QW, Al Churchill, KC7YGC, and Al Burleson, K7HW.

Correction to the May Board Meeting minutes: Ed Root, KC7OKS, did attend the meeting.

Committee Reports:

Training: A motion was made, seconded and passed to give a copy of our training tapes to the Mike and Key Club and the Federal Way Radio Club.

Old Business: A motion was made, seconded and passed to allow a sum of $400 to buy materials for an emergency power box.

New Business: A motion was made, seconded and passed to bring a change in the By-Laws concerning the elections. It will be printed in the Bark to let members when it is going to be voted on.

The Meeting adjourned at 8:40 PM
Respectfully submitted,
Nora A. Simmons, KC7JME. Secretary
Radio Club of Tacoma
Alan Hughes, KB7SVU, President

RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.
SIZES Small through XL ARE $36, XXL ARE $40 AND XXXL ARE $43.00.
GET ONE NOW!
Call Shirley, N7QHW, at 253-265-3661, to order yours today!

!!!THANK YOU!!!

Rich, N7ANF, thanks everyone for their concern during his recent triple by-pass surgery and the continued support and good wishes during his recovery time. He is improving steadily and should be back at work in August.
Keep on getting better, Rich!

Editor's Notes

de NØEYK

E-Mail address:
kathleen@naceplace.com



And we're off ~ again! When you get his letter, we will be in Idaho for the national county hunters convention and to get a little service done. Then we will be attending a wedding in Portland before we "hot-foot" it east to the Full Timers Chapter rally in NW Iowa, the Amateur Radio Chapter rally in eastern Iowa, and finally the FMCA Summer Convention in Ames, Iowa. And that takes care of July!
As always we need VOLUNTEERS. Shirley, N7QHW, will be circulating the FAIR sign up and Chuck, KA7HJN, is in charge of the swap. Both need YOU to help. The swap is during the FAIR so don't over book yourselves! But do help get the job done!
See you from Iowa. 73, Kathleen



ON THE ROAD AGAIN!

ON THE ROAD AGAIN!

AREA SWAP MEETS

South Coast/Coos County Hamfest
July 31, 1999; 9:00 AM to 3:00 PM
Brandon OR
Talk-in on 147.38+ pl=103.5

Tacoma Electronics Flea Market
Saturday, September 11, 1999, 9:00 AM - 3:00 PM
Frontier Park (Pierce County Fair Grounds)
21718 Meridian Ave. E.
Graham WA 98338-8051
Contact: Roger@(253) 475-4293
or Contact: RCT Club House@(253) 759-2040
Talk-in on 147.38+ pl=103.5 Repeater; 146.58 Simplex

Belling Ham Radio Fleamarket
Saturday, October 30, 1999, 9:00 AM - 2:00 PM
QTH - Ferndale Band Boosters' Bingo Hall; Ferndale WA
Contact: Al Norton (K7IEY)
1008 Liberty St, Lynden WA
(360) 354-4622
or Contact: Terry Andrew (VE7BUS/W7) via e-mail
Talk-in on 146.74- pl=none Repeater

(Stolen from the M&K web page...ed.)

SCHEDULE YOUR SWAPMEET VISIT

FLEA MARKET 1999

The Radio Club of Tacoma's annual Flea Market will be September 11th this year, at Frontier Park, also known as Pierce County's Fairgrounds.

This site offers great potential for our annual event - a big improvement over the location we have used in previous years. All who have seen the place are excited about what we can do there - already there is talk of making it a two day event with classes and informational seminars on the second day next year. If it is as successful as we believe it will be, there is no reason why this event will not grow each year.

Please mark your calendars now to reserve September 10 and 11 so you will be able to help in the set up, and the actual day of the event. With the possibility of a greatly expanded, and more profitable event - comes the great need for "bodies" to staff the various work parties. No one person will have to do an excessive amount of work, just a lot of folks each doing a little...

Since this is the big fund raiser for RCT please make your plans now to help out !

If you have any thoughts about what we should, or should not do - or if you would like to sign up early please let one of the Club Officers, or me know. You can always e mail me at crsouter@earthlink.net.

Your Club appreciates and needs your support of this event !!!
Chuck Souter, KA7HJN

◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet and other sources.



W7BUN

MULTIPLE CALL SIGN HOLDERS COULD FACE FINES

The FCC's Riley Hollingsworth, K4ZDH, says the Commission may have to resort to fines to curb the practice of hoarding multiple club station call signs. "The reason we're concerned about this is that we consider it an abuse of our licensing processes," said Hollingsworth, a legal adviser for enforcement in the FCC's Compliance and Information Bureau. "If somebody applies for 30 or 40 licenses over time, it really overloads the staff. If we have continued abuse, we're going to have to levy some forfeitures, which we have done in the past for abuse of Commission processes," he said. "With short staff and budget considerations, we just can't let things like this go on."



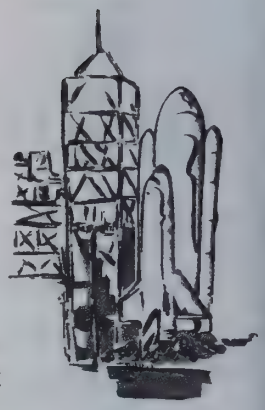
FCC SAYS HAMS NEXT IN LINE FOR ULS

The FCC says the Amateur Service is the next in line to be converted to the Universal Licensing System. Amateur Radio is scheduled for ULS "deployment" in August. Most of the remaining wireless services will be converted from their old licensing systems to ULS in phases during the remainder of 1999. The FCC has adopted a Report and Order to enable public access to application and licensing information in the ULS via the Internet.

CLOVER INVENTOR RAY PETIT, W7GHM, SK

CLOVER inventor Ray Petit, W7GHM, died June 13, 1999, at his home in Oak Harbor, Washington. He was 55. According to his close friend Ed Bixby, AK0X, Petit suffered a stroke in early March caused by a brain tumor that left him mostly paralyzed. Continuing growth of the tumor resulted in additional strokes that finally took his life. CLOVER is a digital communications protocol designed for use on the HF bands that's found wide application in commercial and amateur communication. Petit was well known and respected within the Amateur Radio digital community. Petit had authored several articles for QST and QEX on CLOVER and coherent CW, among other topics.

ONLY ONE SAREX MISSION IN 1999



Word from NASA is that the next Space Amateur Radio EXperiment (SAREX) mission has been scheduled to launch on July 20. The shuttle mission, which will carry the Chandra Observatory into orbit, has been delayed several times already.
(The planned orbital inclination of 28.5 degrees means that we won't be able to make contact from Tacoma. Ed.)

EASY OPERATION OVERSEAS NOW A REALITY FOR US HAMS

Operating in most of Europe and in some South American countries just got much easier for US hams. The FCC has implemented the European Conference of Postal and Telecommunications Administrations (CEPT) Recommendation T/R 61-01 that eliminates the need to obtain a special license or permit for US hams wishing to operate for brief visits to most European countries. In addition, the ARRL has begun issuing International Amateur Radio Permits to simplify operation by US hams in certain South American countries.



The FCC put the final pieces of the CEPT arrangement into place June 7 by issuing a Public Notice in English, German, and French that spells out the basic information about Amateur Radio operation in CEPT countries. To operate in a CEPT country, US hams only need a copy of the Notice, their original Amateur Radio document, and proof of US citizenship. US hams holding any license class but Novice are eligible to operate in CEPT countries. A US citizen with a Technician ticket may be authorized privileges equivalent to a CEPT Class 2 (ie: VHF-only) license, while a US citizen holding a higher class license may be authorized CEPT Class 1 (ie: all amateur and amateur-satellite) privileges.



The authorization is for use of a portable or mobile station only, including stations set up at hotels or a camping site.

Authorization is also granted for US hams to operate the stations of permanent licensees in host countries. The use of Amateur Radio aboard an aircraft is not allowed, however. To identify while overseas, US stations will use their assigned call signs preceded by the CEPT call sign prefix for the country or territory visited.

For further details see the ARRL International Operating page at http://www.arrl.org/field/regulations/io/

MORSE DEBATE MAKES PAGE 1 OF WALL STREET JOURNAL

Hams checking the prestigious Wall Street Journal for the latest business news and stock quotes June 2 also found some Amateur Radio news--smack in the middle of page 1 and above the fold. A story by Staff Reporter Lee Gomes headlined "TO HAM OPERATORS, MORSE CODE TEST IS LIKE LATIN EXAM; Does It Keep the Barbarians At Bay, or Is It Fueling The Decline of a Culture?" discusses the current code versus no- code debate in Amateur Radio.

W1AW CODE PRACTICE ON THE WEB



Now you can access W1AW Morse code practice via ARRL Web using RealAudio files. Visit http://www.arrl.org/w1aw/morse.html. A single click on a file name starts the practice. You'll need RealAudio (available free at http://www.real.com) to listen to these files. The practice files include the same text used for W1AW's regular code practice transmissions. The files are updated after W1AW broadcasts them. The Standard method is used for code speeds above 18 WPM. For code speeds below 18 WPM, Farnsworth method is used. The Web Morse practice follows the same format used by W1AW code practice transmissions. The practice text comes from QST.

NO QUESTION POOL CHANGES - YET

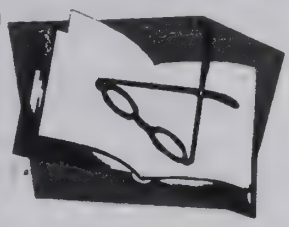
No Amateur Radio examination question pool or question changes will occur July 1 for any license class.

The National Conference of Volunteer Examiner Coordinators' Question Pool Committee announced that all question pool updates were being put on hold until after the FCC had acted on Amateur Radio restructuring. The Advanced class question pool had been scheduled to expire at midnight on June 30, 1999. Current examination questions and study materials remain valid until further notice.



Amateur Radio Exams

in the Puget Sound Region as of January 14, 1999



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Saturday - 1 PM - Boeing **Kent** Rec. Center, 22649 83rd Ave So, Room "C", - Contact Rick Antes, KF7VG, 425-277-2220, Des Moines

2nd Tuesday - 7:00 PM - Radio Club of* Tacoma *Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 360-456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Denny's Restaurant, #3 13100 48th So., Contact Mary Lewis, W7QGP, 206-523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 Tobin Street - Contact Mike Dinkelman, N7WA, 253-854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 360-793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

3rd Saturday - 10 AM - **Shelton** - Shelton Airport - Contact - Dick Bostrom, N7LD, 360-426-4627, Shelton

4th Tuesday - **Stanwood** - 6:30 PM - PUD Building - Contact Don Jones, KO7I, 360-652-0248, Stanwood

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 360-456-5571, Olympia

4th Saturday - 10 AM - **Everett** - Everett Housing Authority - 14th and Popular - Contact Loren Hole, KK7M, 425-335-5158, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Walt Winters, AA7TL, 360-692-8326, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - 253-845-7652

Proposed By-Law Changes

Radio Club of Tacoma, Inc.

President Alan, and the Board;

In Accordance With current By-Laws, Section Nine - Amendments, (A) Procedure;

The undersigned, a full member in good standing, requests that the Board of Directors approve the submission of the following proposed changes to the By-laws, to the general membership, for their approval or disapproval, at the earliest possible time.
It is intended to implement these changes prior to the 1999 election, for year 2000 Board.

Summary : reducing membership time limits required for candidates for the Board, or Officer requirements;
: modifying verbiage in Results of Elections to accomodate the above;
: modifying verbiage in Officers and Board of Directors to accomodate above AND, eliminating Presidential roll-over to the Board.

PRINT	CALL	DATE
Roger A. Terwilliger	WA7ANJ	2 June 1999

By-Laws concerns:

SectionFour - Election of Officers and Board of Directors

(A) Nominating Committee. *Presently:* "On or before the regular September meeting of each year, the President shall appoint a nominating committee consisting of a chairperson and at least two other full members who are not current officers. Members of the nominating committee shall have been full members of the club for at least two years. All nominees shall be full members who have been members of the club for at least two years. The committee shall nominate at least one candidate for each officer and Board position. The committee shall present their nominees to the club at the October regular meeting. Additional nominations shall be accepted from the floor at the October regular meeting. No member may be nominated from the floor without giving their prior permission."

Proposed: "On or before the regular September meeting of each year, the President shall appoint a nominating committee consisting of a chairperson and at least two other full members who are not current officers. Members of the nominating committee shall have been full members of the club for at least ***one year.*** *Nominees for* ***Board Positions*** *shall have been club members in good standing for at least* ***one year****. Nominees for* ***Officers*** *shall have been club members in good standing for at least* ***two years****, and have* ***served on the board for one year****, or demonstrated "like kind" of service or activities acceptable to the Nominating Committee.*

In November 1999:

1: the ***Vice-President, Secretary, and three board members at large ("odd" positions #1, #3, #5)*** *will be elected for a* ***two year term****; re-election for these members will be in "odd years" (2001, 2003, etc) for a two year period.*

2: the ***President, Treasurer, and two board members at large ("even" positions #2, #4)*** *will be elected for a* ***one year term;*** *re-election for these members will be in "even years" (2000, 2002, etc) for a* ***two-year period.*** The committee shall nominate at least one candidate for each ***open*** officer and Board position. The committee shall present their nominees to the club at the October regular meeting. Additional nominations shall be accepted from the floor at the October regular meeting. No member may be nominated from the floor without giving their prior permission."

(D) Results of Election. *Presently:* "The election committee shall, at the November annual meeting, accumulate and tally all ballots and announce the results of voting. A majority of all votes cast shall be necessary to elect an officer. Board members shall be elected by a plurality (for example the four candidates receiving the most votes shall be elected). If there is a tie vote which prevents determination of the top four, or there is no candidate for an office who receives a majority of the votes cast, a written

run-off election shall be held at the same annual meeting until a final determination is made. All ballots shall be retained by the Secretary for a period of thirty days after the election or until all disputes involving the election have been resolved. Upon completion of the retention period the ballots shall be destroyed.

Proposed: "The election committee shall, at the November annual meeting, accumulate and tally the ballots and announce the results of voting. A majority of all votes cast shall be necessary to elect an officer. Board members shall be elected by a plurality (for example the ***candidates receiving the most votes for the number of vacancies shall be elected).*** If there is ***no candidate for an office who receives a majority of the votes cast,*** a written run-off election shall be held at the same annual meeting until a final determination is made. All ballots shall be retained by the Secretary for a period of thirty days after the election or until all disputes involving the election have been resolved. Upon completion of the retention period the ballots shall be destroyed.

Section Five - Officers and Board of Directors

(A) Positions. *Presently:* " The officers of this club shall be President, Vice-President, Secretary, and Treasurer. The Board of Directors shall consist of the current officers, the immediate past president and four board members elected at large. If the immediate past president is re-elected or unable to serve on the Board, the membership shall elect a fifth member at large to serve on the Board. Officers and Board members shall assume their duties on Jaunary 1 following their election."

Proposed: "The officers of this club shall be President, Vice-President, Secretary, and Treasurer. The Board of Directors shall consist of the ***listed officers and five Board members elected at large. Newly elected*** Officers and Board members shall assume their duties on January 1 following their election."

END END

VR / Roger T.

CIRCE Log

-17-99



Each day here in Mexican paradise seems to just blend into the next and suddenly weeks and months have passed by. There is no definitive change of seasons nor no work-day schedules to meet – we hardly know which day of the week it is. So that is my best excuse for taking so long to send an update.

Currently we're anchored near Isla Coronados, a small volcanic uprising near the town of Loreto on the Baja peninsula. This side of the island has a lovely little protected bay with a couple of white sandy beaches. There are about 6-8 boats anchored here. The other day we dinghied around the island to view the unusual volcanic formations on the east side. We saw an osprey guarding her nest from the very tallest pinnacle and then on one point there were several sea lions lying on the huge rocks, basking in the sun. One little baby seal was stretched out, lying on her mamma's back. There are so many amazing and beautiful sights of nature to observe here in the Sea of Cortez. One evening just before dark, there were two "groups" of fins swimming around the anchorage. We decided they were some sort of small shark. No skinny dipping that night! Another night we were rowing back to "Circe" after an evening of cards and the phosphorescence was so bright each time the oars dipped in the water they made a an iridescent "mark". Then we must have startled a school of fish because all of the sudden these glowing shapes exploded and disappeared. It was just like watching a giant fireworks display under water. Another time when we were at Paradise Village Marina, the water was sparkling all over. Then when you dropped something into it, it was a bright cluster of sparkles, kind of like you would see in a children's movie when the fairy godmother waves her magic wand.

Well, I digress! And procrastinate! It's now June 6. We left Isla Coronados and motored back over to Loreto to pick up a few supplies before heading farther North. We did most of our provisioning in LaPaz, the capital of Baja, when we left there the first part of May. I tried to stock up on the bulk of the items we would need for the summer except for fresh produce. We decided to turn the freezer off this year to conserve on power so we're only using the refrigerator. The two solar panels we added last year along with the wind generator keep us going almost indefinitely if we don't run the freezer. I miss the ice cubes and Stef misses steaks, chicken, etc! Whether he likes it or not, he's a part-time vegetarian. Loreto is one of the bigger towns on the Baja. That means they have a few paved streets, a couple of gas stations, two new stop lights and one super mercado. That's a grocery/miscellaneous store about the size of a big 7-11.

Well, this may seem like I've dropped you off mid-stream, so I apologize for that. However, the ride to town is ready & I've got to dinghy ashore to catch it. More later.

Best regards, Stef and Marilyn onboard sailing vessel "Circe."

8/99

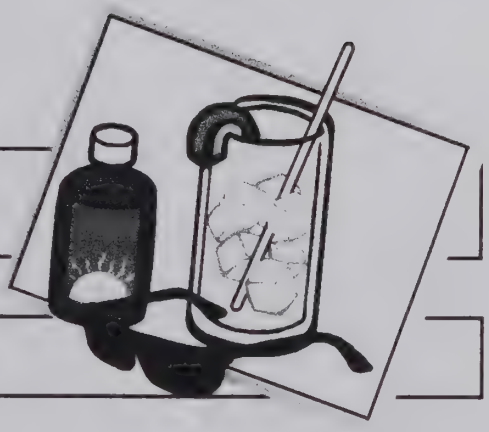
AUG 1999

HE LOGGER'S BARK
adio Club of Tacoma, Inc.
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acoma, WA 98411

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COMING EVENTS



UG 4 - **Board Meeting** - Clubhouse, 7:30 PM - All members welcome.

UG 10 - **License Exams** - 7 PM - Clubhouse

UG 11 - **Club Meeting - Library Administration Center, 7:30 PM**
Program: VLA (Very Large Array) Radio Telescope and other radio adventures

UG 15 - BARK deadline (please be as on time as possible!)

UG 25 - **Club Meeting– Library Administration Center, 7:30 PM**
Program: The History of the Japan Amateur Radio Satellite Program

Support OUR club - Attend meetings, volunteer, elmer.
Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
See page 3 for meeting program schedule. Check the weekly net for updates to the program schedule.

Sign up to work THE FAIR and/or to help at the FleaMarket

SUMMER?!!

August 1999

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1  ENJOY AUGUST	2 *LARRY KD4VOM *RENE	3 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	4 7:30 PM RCT BOARD MTG *PHILLIP W7PFZ	5 *GEORGE KK7FM	6 *FRANK W7FJB	7  9:00 AM OPEN HOUSE *ED KB7FEW *EVA WB7QNS
8	9 *EDWARD KA7LGV	10 7:00 PM ARES NET 145.37R 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R *DON K7QLC	11 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD  NEW MOON	12 *JIM KC7SYT *RALPH K7ITW	13	14  9:00 AM OPEN HOUSE
15 *BOB KB7NBF  BARK DEADLINE	16 *JACK K7DBU	17 7:00 PM ARES NET 145.37R 7:00 PM MVWS LICENSE EXAMS 7:30 PM RCT NET 147.28R	18	19 *ED KC7SAA *RUSS KC7EKI	20	21  9:00 AM OPEN HOUSE *BOB N7QOZ
22	23 *ROBERT KF7KI	24 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R *NANA N7OIX *RALPH KA7FIG	25 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD	26 *HAROLD W6JYV  FULL MOON	27 *MARILYN KJ7BN	28  9:00 AM OPEN HOUSE *JEFF KC7ZWE
29 *MAX W7AEA	30	31 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R *CANDY KK7BI *ROBERT KG7DB				

July 1999

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

September 1999

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

* HAPPY BIRTHDAY

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXVI NR. 8 | W7DK | AUGUST 1999

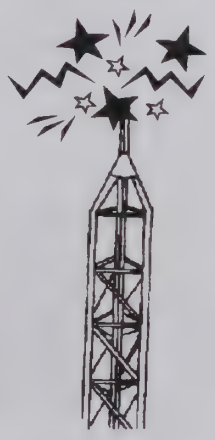
FROM THE PRESIDENT

Field day has come and gone. Now it time to put all our energy towards our next major project. What is it you say? It's our annual flea market, which is a month away. Each member of the Radio Club of Tacoma needs to remember that this is our big money making event. The money made from this event helps pay our monthly bills for the clubhouse and helps keep the repeaters on the air. The other way is to raise the dues which is one thing we don't want to do. Each person has to remember that unlike other clubs, we own property and have mouthy bills.

I have heard a lot of people say that they assumed that there would be enough other folks helping out to get the job done. Never assume anything, come down to the site or give a call on the radio to see if you can help. So get involved and support the RCT.

There is a need for people to become teacher for our Tech class which are a two day affair on the weekends. The training is broken down into sections so each instructor is only working a few hours. It's easy and fun! Just follow the tapes and the handouts. If you have never done any teaching, you will never know what satisfaction it is to know you helped move someone into becoming a ham.

Another bit of information to pass on is that we have located the problem with the rotor and beam. It seems that there is no thrust bearing on the tower so that means over 150 lb. is resting on the rotor. By the time you read this repairs should be done - a new bearing in place, the antenna cleaned up and new rope on the dipoles.



Just let everyone know I am willing to give lessons on climbing towers. If you have never been up a tower before, I would recommend that the first time you have someone experienced go up with you. Remember, one mistake on a tower could cost you your life. If anyone is interested just let me know.

Well that is all for this month. Since last months was so long, I will keep this one shorter.

73, Alan KB7SVU

IN THIS ISSUE...

▶COMING RCT PROGRAMS - Page 3

▶ ARRL NEWS - READ IT! - Page 9

▶ CONTEST CALENDAR - Back next month

▶FLEA MARKET HELP WANTED - Page 4

▶ELMER BOARD - Page 10

ON THE WEB www.w7dk.org Come see us!

RADIO CLUB OF TACOMA -- 1998

PRESIDENT	ALAN HUGHES	KB7SVU	840-4947
V PRESIDENT	MICK PIER	KK7QS	847-8223
SECRETARY	NORA SIMMONS	KC7JME	847-5124
TREASURER	CHUCK SOUTER	KA7HJN	863-2650
BOARD (5)	DAVID DODD	WB7AUJ	584-3620
	WORTH GURLEY	W7WG	582-3844
	MOREL GUYOT	W6LIX	838-5433
	GEORGE NOBLE	KK7FM	756-1127
	ED ROOT	KC7OKS	851-7463
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COMPOSITOR	KATHLEEN NACE	NØEYK	209-5624
PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call a club officer to pass on the word to the appropriate person(s).

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.28 / .88 MHz 144.97 - Packet
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

T. Lynn Neece, KB6OKS RCT # 2039
PMB 152/ 5500 Olympic Dr Ste A105
Gig Harbor, WA 98335-0152 Work 425-226-1550

Reinstatements

Leonard Livermore, KB7NEM
1728 S 44th St
Tacoma, WA 98408-1501 253-472-0069

Address/Phone Changes/Corrections

Bill M Allen, KD7ENB
253-539-0658
bill&jaye@juno.com

Owen Ticknor, WA7JZM
253-846-7456
ticknor1@juno.com

Dan Hale, KC7IEI
Sylvia Betts, KC7UZZ
13013 210th Ave Ct E
Sumner WA 98390-7451 Phone unlisted
e-mail is kc7iei@worldnet.att.net

E-Mail Address Changes/Additions

New Calls/Upgrades

Silent Keys

(Charles) Chuck Nee, W7PWN
Stan Fisher, N7OAX
Alvin Swanson, K7LWJ (member in the 60s)



ADDRESS CHANGES

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to Shirley, N7QHW, @ 253-265-3661.

COMING PROGRAMS AT RCT

August 11th – Radio astronomy and other heavenly activities with Roger and Kathleen, K8RN and NØEYK. For the past two and one half years Roger and Kathleen have lived and toured in their motorhome. During their travels, they have visited many amateur radio events, made many contacts and visited one really cool radio telescope. Come hear them tell about the telescope and some of the ham radio events that they have attended.

August 25th - The History of the Japan Amateur Radio Satellite Program. This video illustrates the complexity of building, testing, and launching a modern communications satellite. This Video was produced by the Japan Amateur Satellite Corporation (JAMSAT) and the Japan Amateur Radio League (JARL).

September 8th - VHF Mountaintopping

September 22nd - Finding and Curing Power Line Noise

IT IS COMING SOON!!



Do the PuWOWup!

SEPTEMBER 10 – 26, 1999

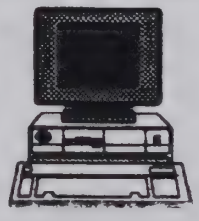
Just a friendly reminder that the Puyallup Fair is coming sooner than you think. We have had in the past and will again have this year a booth in the Hobby Hall to promote our hobby of Amateur Radio.

Volunteers, ideas and comments are welcome. Call Shirley at 253-265-3661 or e-mail to Shirley at sundance@harbornet.com. Always remember that if you have an idea or comment, you may be asked to be in charge of it. Words alone will not complete the project.

THE PUYALLUP FAIR

73 Shirley, N7QHW
Radio Club of Tacoma Puyallup Fair Booth Coordinator

SECOND BYTE
NEW & USED MS-DOS COMPUTERS



ACCESSORIES,
PERIPHERALS,
AND UPGRADES

N7ARO

Roy Richards
642 NE Woods Ct.
Bremerton, WA 98311
Voice/Fax: (360) 479-2619
E-mail: 2ndbyte@kendaco.telebyte.com

ACCIDENT & BODILY INJURY
LAW OFFICES OF
DOUGLAS K. SMITH, P.S.

(206) 471-1000
(800) 585-8500

AJ7Y

DOUGLAS K. SMITH
Attorney at Law
102 Tacoma Mall Plaza
2702 South 42nd Street
Tacoma, Washington 98409

PINOCLE



SEE YOU IN THE FALL!!!
NEXT PINOCLE
September 11th
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898

FLEA MARKET 1999

Here are the committees as I see them. My "goal" is to have one person head up the committee and if help is needed they will ask someone to help them. This way, there will be only one person on each committee for me to contact - and those working together are ones who like to, and want to work together. Here are the members who have agreed to head up the various committees. If you can/will work in any of these areas please contact the Chairman and offer your assistance.

You will note we have vacancies in two important committees – Publicity and Door Prizes. There were folks working on these areas but personal reasons caused them to drop out. In each case there will be plenty of help, if you can agree to head up either of these essential committees. If you feel you will be able to do either of these jobs please contact me, or one of the club officers.

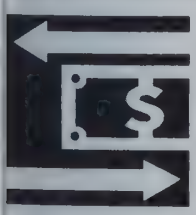
The success of the Flea Market depends on each member doing a little...please volunteer to help your Club in this event!!!

(**BOLD TITLES** are open chairmanships. ***BOLD ITALIC TITLES*** are filled chairmanships but will often need helpers. Thanks. Your Editor)

HELP WANTED!

SETUP
Every able bodied man/woman/child!!!

PUBLICITY CHAIRMAN
(OPEN)_____
The Publicity Chairman would hold the Flea Market Flyers and be a source for anyone going to a site where publicity could be gained. You would not be expected to attend each area FM, but would attempt to find someone going and supply them with handouts. Also, this person would contact any publications that might print notices about our event. Consideration should be given to a mailing to area Hams...



TREASURER
Lorraine Robertson
The treasurer does the paperwork involved with pre-registration, tracks expenses before, during, and any expenses that come afterwards. On the day of the event she, or her delegate will circulate among the various income producing sites and collect funds from them, and insure an adequate change bank is at each location. The after the event recap will let us know how well we did.... think positive !!!

TABLE ASSIGNMENT
Alan Hughes
Just prior to event assign tables to those pre registered.

CASHIER/TICKET SELLER
Nora Simmons & Sally Crawford
Do the actual job of selling admission tickets. Some thought is going to have to go into just how we can set this up due to the unique layout of the site - there is no central entry as there was at Charles Wright.



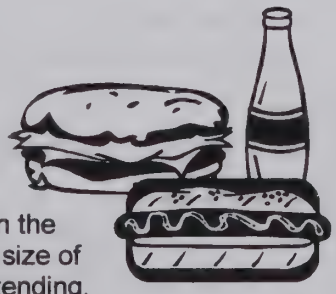
DOOR PRIZE
(OPEN)_____
Door prize chairman will beg/steal/cajole valuable prizes from various vendors and other sources... . On the day of the event they will have a drum or whatever to allow folks to deposit their stubs for the drawing. Some thought might be given to having a table with someone selling "extra" tickets for the drawings... In the past we have had a lot of subscriptions and other minor prizes... perhaps we could have a display board or something like that to post the winning numbers for these minor prizes... if after a reasonable time they have not been claimed new numbers would be drawn. Am very reluctant to go out on a limb and purchase a MAJOR door prize as we may not have the funds to support such a noble gesture. This activity might be located at the Country Store/RCT Table... Roger Terwilliger would like to work with the person who chairs this committee but is unable to do it all.

PARKING
Ray Winter
Obviously, this group would direct traffic to the parking area and insure cars were not parked so as to block fire lanes or handicapped access.. Also, spaces should be designated and "protected" for handicapped parking.



SECURITY
Ed Root
Insure the general public does not enter prior to the 9 AM opening... and assist the parking crew in keeping fire lanes and such open.

FOOD
Mick Pier & Family
Job description is pretty obvious - it is going to be a lot of work, but has the potential of being a good money maker depending on the weather and size of the crowd attending.





VENDOR ASSISTANCE
Peter David
Assist vendors to the proper building/door for loading and unloading - insure pallets and pallet jacks are there if it is decided we need these - and we probably will. Would like to avoid the actual moving of vendor's equipment/supplies due to the liability problem.

VE TESTING
Shirley Murphy
Set up and conduct VE testing at the site.

ELECTRICAL
Al Burleson
Insures the electrical needs of the vendors are met as in the past.

SIGNS
Ed Root & Mike Hazelmyer
Gets the signs I understand we have at the club house, create if needed and locate on highway to direct folks into the site - and to parking. Have a supply of materials on the day of event to make signs as needed, perhaps a small sign on each table to identify the vendor's tables.



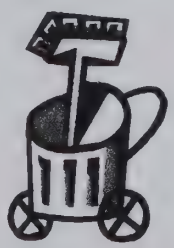
TALK IN STATION
Ray Winter & Jill Stearns

ARRL BOOK SALES
(OPEN)_____
Will obtain and sell books during the Flea Market. It will be important that this table has someone at it all the time. One sticky fingered visitor could eliminate all profits... several will have to work in shifts.



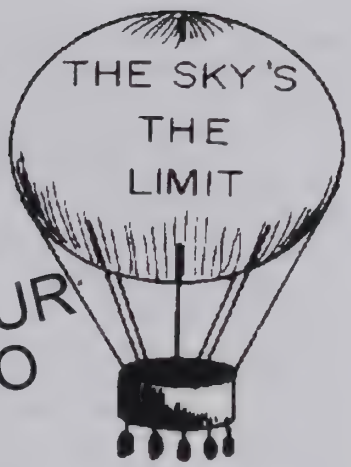
COUNTRY STORE/RCT TABLE
(OPEN)_____
Items sold at consignment... this could also be the headquarters where folks with questions or problems could come. Should be well marked and in a good location.

CLEAN UP
Every able bodied man/woman/child !



Volunteer Today! Thanks!!

AUGUST CONTESTS



Back next month...

Want more info, check
www.arrl.org/contests

RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.
SIZES Small through XL ARE $36, XXL ARE $40 AND XXXL ARE $43.00.
GET ONE NOW!
Call Shirley, N7QHW, at 253-265-3661, to order yours today!

Your Ad Could Be Here!

Call, Shirley, N7QHW
at (253)265-3661 for info.

ARES/RACES

Alan Hughes, KB7SVU, Pierce County ARES Emergency Coordinator/RACES Radio Officer asked me to print this for everyone to consider getting on board for New Year's Eve and Y2K. Ed, N7NVP, is the WWA Emergency Coordinator.

Fm: Ed Bruette N7NVP
To: All WWa. DEC/ECs
Subj: New Year's Eve Party

It's time to send out the invitations to the New Year's Eve party. With just about 6 months left to the happy event we need to start generating interest and making a "guest list." What am I talking about? Why the Y2K party, of course! For years Emergency Communicators and Emergency Managers have moaned and groaned that we don't have enough disasters to keep people prepared, programs funded or volunteers trained. Many times I've heard, "If we could just have a small earthquake. Nothing big, just enough for a wake up call." Well folks, you asked for it and you got it!

Hopefully we won't have an earthquake but we do have a potential disaster of major proportions bearing down on us. There is a silver lining to this event! We know when it is going to arrive! We have time to prepare! We have time to recruit! On the down side, we know Y2K has the potential to affect the entire country! If it affects large areas of the country, mutual aid may not be available. We'll have to deal with the effects using the resources at hand.

At least in the WWA Section, there isn't a single ARES/RACES/ACS unit that has enough trained members to cover all the possible communications needs in their jurisdiction. I suspect there isn't a unit anywhere in the country that does. Now that we have set the stage, how do we get the rest of the cast?

I believe, in time of need we will be inundated with Hams who want to help but don't want to be bothered with regular nets, training, meetings, drills or exercises. In a "Normal" disaster these Hams will tax our ability to manage the disaster AND train these new found emergency communicators simultaneously. Y2K is unique. It presents an opportunity to capitalize on all the pre-event coverage the media is providing. Since the media is beating the drum for us all we have to do is contact the Hams that are not involved in emergency communications and let them know we are mounting a major effort to cover all the contingencies of Y2K. Tell them you can't do that effectively without their participation.

I know that is easier said than done but don't let the size of the task get you down. There are lots of avenues available to get the word out. For instance; visit all your area Ham clubs and let them know their help is needed. Write an article for your local newspaper asking for volunteers. Contact your Emergency Manager and ask them to find ways to do a mass mailing to all the Hams in their jurisdiction. One of the most productive recruiting tools is personal contact. Have all your members call all their Ham friends who don't regularly participate in your unit's activities. Stress the facts that you don't have enough trained people to support the community, there is still time to get ready and they don't have to make a commitment to be an active part of the unit when we've gotten past Y2k. These are just some of the tools available to you. I know you can think of others.



N7QHW

I don't believe Y2K will be the end of the world as we know it but the potential for system failure exists. There will be some failures but no one can predict what or where they will be. All the Emergency Managers I know are taking the prudent approach of having all their resources in hot standby. The WA State National Guard has been told they will be on duty during Y2K. Public safety employees have been told there will be no leave during that period. Many EOCs are already scheduled to be open.

We need to have maximum participation and be at maximum readiness too.

When Y2K arrives where will you be? I'll be at the party!

Ed N7NVP

There are still leadership positions and a hospital leadership position available. If you can help with any of the leadership positions, contact Alan, KB7SVU, at 253-840-4947 or Bob Tilley, KB7NBQ, at 253-875-0755.

For those of you who already have a card, remember, check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Alan or Shirley (info at the end of the article).

If you have not joined ARES/RACES and would like to, contact Alan, KB7SVU, ARES Emergency Coordinator and RACES Radio Officer at 253-840-4947 or see Shirley, N7QHW, at any Radio Club of Tacoma meeting for an application.

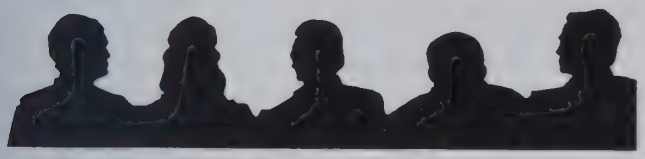
73 and again thanks for volunteering.

Shirley, N7QHW

RADIO CLUB OF TACOMA

W7DK

MEETING MINUTES



Radio Club of Tacoma
General Membership Meeting
9 June 1999

The meeting was called to order at7:30 by the President Alan Hughes, KB7SVU. The Flag salute was led by led by Nora, KC7JME, and was followed by the introduction of everyone present.

Program: Jim Fenstermaker, K9JF, presented a program about a DX expedition to Tortola Island, in the British Virgin Islands.

Training: The General class has 3 more weeks to be completed.

For the Good of the Order:

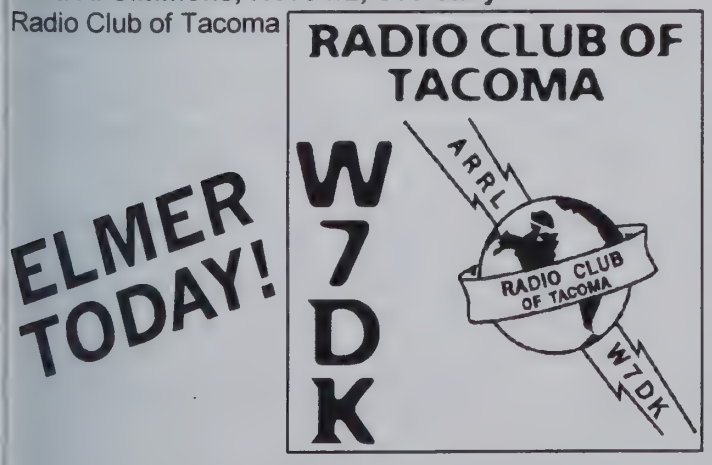
A by-law change regarding elections was read by Roger, WA7ANJ. It will be printed in the BARK before it is voted on.

The FCC has reached an agreement with most European and some South American countries. If you are traveling in these countries and have an American ham license you do not have to apply for a special license to operate in that country.

Rich Manson, N7ANF, is home recovering from heart surgery. Have a speedy recovery.

The Meeting adjourned at 8:40 PM.

Respectfully submitted,
Nora A. Simmons, KC7JME, Secretary
Radio Club of Tacoma



Radio Club of Tacoma
General Membership Meeting
23 June 1999

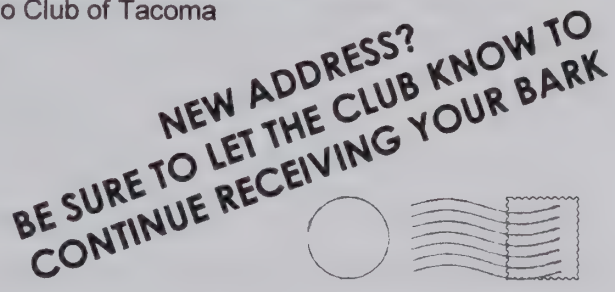
The meeting was called to order at 7:30 PM by the President Alan, KB7SVU, and he led the flag salute which was followed by the introduction of everyone present.

This meeting was held at the Clubhouse to get everything together for Field Day. Alan, KB7SVU, announced he had climbed the tower and found there is no thrust bearing on the rotor for the antenna. One has been ordered. When it received there is going to be a work party to take the antenna down to repair it and also to replace all the ropes.

Education: We need Instructors to teach. If anyone is interested in teaching a class
for the Tech license at the Federal Way Radio Club, let Alan, KB7SVU, know.

The meeting adjourned at 8:20 PM.

Respectfully submitted,
Nora A. Simmons, KC7JME, Secretary
Radio Club of Tacoma



Radio Club of Tacoma
Board Meeting Minutes
7 July 1999

The meeting was called to order at 7:30 PM by the President Alan Hughes, KB7SVU. The Board Members attending were George Noble, KK7FN, Ed Root, KC7OKS, Mick Pier, KK7QS, David Dodd, WB7AUJ, Worth Gurley, W7WG, and Nora Simmons, KC7JME.

A correction was made to the minutes of June Board Meeting. It should read training handouts not tapes. The minutes were amended and approved.

Repeater: 440 Repeater is up and working at Al's, K7HW. A motion was made and passed to put the 440 at the Clubhouse and continue to look for another site.

Old Business: $80 was spent for a new thrust bearing for the antenna. There will be a work party Saturday 24 July at the Clubhouse to take down antenna, repair it and replace the ropes.

Ed, KC7OKS, is planning on starting the code class again.

Anyone interested in an ARRL Field Day pin for 1999, cost of $5.00 contact Alan, KB7SVU, for information.

New Business: It was suggested that the roof on the Clubhouse and garage need to be checked and cleaned.

The meeting was adjourned at 8:20 PM.

Respectfully submitted,
Nora A. Simmons, KC7JME, Secretary
Radio Club of Tacoma
Alan Hughes, KB7SVU, President

Minutes continued

Radio Club of Tacoma
General Membership Meeting
14 July 1999

The meeting was called to order at 7:30 PM by the President Alan Hughes, KB7SVU.
The flag was not present so the introduction of everyone attending followed.
Program: CW bingo. There was cash prizes of $1.00 to $10.00. It was enjoyed by all. Our thanks to Jerry, W7BUN, for presenting an enjoyable program.
Flea Market: Lots of help is still needed to make the Flea Market a success.
Danny, W7TEL, is looking for someone to alternate Saturdays with him for Open House at the Clubhouse.
The Board authorized payment for the welding that needs to be done on the antenna, when it is taken down for the work on the 24th of July.
The meeting adjourned at 9:10 PM.
Respectfully submitted,
Nora A. Simmons, KC7JME, Secretary
Radio Club of Tacoma

Editor's Notes

de NØEYK

E-Mail address:
kathleen@nacepiace.com



Hello from Ames, Iowa! Today is Sunday, the temp. is ranging close to 100°, and the heat index has been around 115° or so. We are parked in a parking lot on the Iowa State University campus with no utility services and so are "dry camping". With the bad heat we are being allowed to run our generators 24 hours a day to operate the air conditioners – YEA!!!! The convention really starts late tomorrow with some seminars and the early viewing of the new motorhomes on display. We will be busy with the computer help desk (Roger is now presiden/web master of the Bits and Bytes chapter and I am secretary/ newsletter person) as well as trying to get in some shopping and seminars. Thursday night we will head for Rapid City, SD and then on to Idaho, returning to Puyallup the 2nd week of August – unless, of course, we melt away!

As always we need VOLUNTEERS. Shirley, N7QHW, will be circulating the FAIR sign up and Chuck, KA7HJN, is in charge of the swap. Both need YOU to help. The swap is during the FAIR so don't over book yourselves! But do help get the job done!
See you in August! 73, Kathleen



ON THE ROAD AGAIN!

AREA SWAP MEETS

Puget Sound Antique Radio ASSN.
Yearly Swap Meet
Date: 15 August 1999
Where: Shoreline History Museum
1 Block W. of 175th Ave. N & Aurora
Time:8:00 AM to 4:00 PM.

Tacoma Electronics Flea Market

Saturday, September 11, 1999, 9:00 AM - 3:00 PM
Frontier Park (Pierce County Fair Grounds)
21718 Meridian Ave. E.
Graham WA 98338-8051
Contact: Roger@(253) 475-4293
or Contact: RCT Club House@(253) 759-2040
Talk-in on 147.38+ pl=103.5 Repeater; 146.58 Simplex

Belling Ham Radio Fleamarket

Saturday, October 30, 1999, 9:00 AM - 2:00 PM
QTH - Ferndale Band Boosters' Bingo Hall; Ferndale WA
Contact: Al Norton (K7IEY)
1008 Liberty St, Lynden WA
(360) 354-4622
or Contact: Terry Andrew (VE7BUS/W7) via e-mail
Talk-in on 146.74- pl=none Repeater

SCHEDULE YOUR SWAPMEET VISIT

You Missed Field Day This Year?

If you missed the RCT Field Day Exercise this year, you missed one of the best learning and fellowship events Amateur Radio has to offer.

Other than brief conversations before, and after the meetings – or perhaps an on the air rag chew one really does not have the opportunity to get to know your fellow members of the RCT - but Field Day gives you the opportunity to work with and really get to know more about the members and their interests. I came away from the weekend feeling I knew more about those I worked with.

As for learning - setting up and operating under those conditions always reveals new problems and it seems someone is always there with an idea to solve the problem. Working with the group like this teaches you new ways to fix things, what works, and what does not work.

It is a great opportunity and if you missed it this year, I hope you will mark your calendar for next year and be sure to attend. You won't regret it !!!
Chuck Souter, KA7HJN

◈ News from the ARRL ◈

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet and other sources.



W7BUN

FLORIDA MAN FINED $20,000

The FCC has levied a $20,000 fine on a Florida man for violations stemming from alleged unlicensed operation on Amateur Radio frequencies. The FCC's Tampa Field Office has sent a *Notice of Apparent Liability* to William Flippo of Jupiter. Flippo is accused of willful operation of an unlicensed radio station on 28.375 MHz, willful and malicious interference with ongoing Amateur Radio communications, and with failing to let FCC representatives inspect his radio equipment. The FCC's Compliance and Information Bureau has been investigating complaints from hams in the Jupiter area for nearly two years.



AMRAD CONTINUES LF EXPERIMENTS

Slow-speed beacon transmissions from the Washington, DC, area at 136.75 kHz under the call sign WA2XTF have been on the air continuously since May from the QTH of WB3KDU in Vienna, Virginia. The activity is being conducted under the Part 5 Experimental License issued to the Amateur Radio Research and Development Corporation to test the waters on 136 kHz. So far, reception reports have been received from amateurs near Washington, DC.

In March, the FCC granted a one-year experimental license to AMRAD to conduct tests using WA2XTF on 136.75 kHz from twelve sites in Northern Virginia. These experiments are to gain experience in anticipation that the FCC may allocate the low-frequency band 135.7-137.8 kHz to the Amateur Radio Service in the US. Several other countries already have an LF allocation at 136 kHz.

NO JOY ON 2-METER TRANSATLANTIC ATTEMPT

An effort to make the first transatlantic QSO on 2 meters has come up dry. The attempt by teams in Newfoundland and Scotland to confirm a transatlantic contact on 144 MHz and secure the Irish Radio Transmitters Society's Brendan Trophies ended a day early on July 3. The attempts began June 26.

"We operated until Saturday July 3 as the UK team wanted to get their gear down as bad weather was setting in," said Paul Piercey, VO1HE, the leader of the Newfoundland team. "There was nothing heard, but a couple reports of others listening were received." Piercey's group operated from St John's, Newfoundland, using the call sign VO1AA. The station was set up in Cabot Tower, where Marconi received the first transatlantic signal in 1901.

The Scottish group, led by Bill Ward, GM0ICF, operated from Ardnamurchan Lighthouse on Ardnamurchan Point--the most westerly point in the mainland British Isles. The group used the call sign 2S0ICF/P.

The IRTS's Brendan Trophies will be awarded to the first two stations to make a verified contact across the Atlantic Ocean using 144-146 MHz without aid of manmade reflectors, repeaters or moonbounce.

HAMS REQUEST NEW BILL TARGETING ILLEGAL CBERS

Legislation to permit local authorities to crack down on illegally amplified CB transmitters is poised for reintroduction in the 106th Congress. According to an early draft of the bill being worked on by Rep Vernon Ehlers of Michigan, the new legislation would permit state or local governments to pass and enforce laws prohibiting unauthorized Citizen Band radio equipment. Direct enforcement of telecommunication matters is usually considered a federal responsibility, and state and local authorities ordinarily don't step in except in particularly serious cases such as interference with aircraft or police and fire communication.



FCC SETS NEW VANITY FEE

The fee to apply for an Amateur Radio vanity call sign will increase from $13 to $14 starting September 10, 1999.

The FCC has released its FY 1999 fee schedule which rounded down the proposed $1.42 per year fee.

The FCC continues to receive in excess of 1000 vanity applications per month. During May, the FCC got 1165 vanity applications, all but 141 of them filed electronically.

MFJ PURCHASES HY-GAIN

MFJ Enterprises has acquired Hy-Gain, a well-known manufacturer of antennas, towers, and rotators. Hy-Gain was owned by Telex Communications of Lincoln, Nebraska. The deal closed May 10, according to MFJ President Martin Jue, K5FLU. MFJ planned to move the antenna manufacturing facility to Mississippi and staff it with local employees. Jue said he anticipated production at the new site could begin within a few weeks.

THE LAST OF THE MORSE CODE 500 kHz MARINE STATIONS

Globe Wireless, through its station KFS, has been in the marine communications since 1910 using Morse code. That era came to an end at 2359 UTC on 12 July 1999 when the last KFS/KPH/WNU/WCC Morse code transmitters and receivers was shut down. The last message read, "Titanic RIP."

Here are some websites that you can visit.

www.sfgate.com/cgi-bin/article.cgi?file=/examiner/hotnews/stories/13/code.dtl
video: www.kron.com/
www.newschoice.com/newspapers/alameda/smct/default.asp
www.nola.com/metro/1999/071399/9907120109.html

FCC DELAYS UNIVERSAL LICENSING SYSTEM FOR AMATEUR RADIO

Ham radio will not become part of the FCC's new Universal Licensing System until August 16. The FCC has postponed ULS deployment for the Amateur Service for two weeks while it deals with several issues raised over the past few weeks by Volunteer Examiner Coordinators and others. The ULS was to have gone into effect for hams starting August 2.

For more information and frequently asked questions about the impending ULS, visit http://www.arrl.org/arrlvec/ulstext.html.

ELMER BOARD

Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members area their areas of interest.

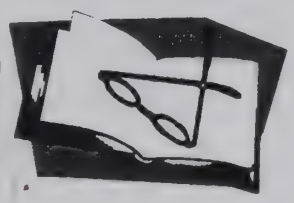
1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment

Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Roger, WA7ANJ	253-475-4293	1,7,8,11
David, WB7AVJ	253-584-3620	1
Frank, AB7YZ	253-752-8520	2,3
Pete, KK7QW	253-984-7874	2



Amateur Radio Exams

in the Puget Sound Region as of July, 1999



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Saturday - 1 PM - Boeing **Kent** Rec. Center, 22649 83rd Ave So, Room "C", - Contact Rick Antes, KF7VG, 425-277-2220, Des Moines

2nd Tuesday - 7:00 PM - Radio Club of* Tacoma *Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 360-456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Denny's Restaurant, #3 13100 48th So., Contact Mary Lewis, W7QGP, 206-523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 Tobin Street - Contact Mike Dinkelman, N7WA, 253-854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 360-793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

3rd Saturday - 10 AM - **Shelton** - Shelton Airport - Contact - Dick Bostrom, N7LD, 360-426-4627, Shelton

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 360-456-5571, Olympia

4th Saturday - 10 AM - **Everett** - Everett Housing Authority - 14th and Popular - Contact Loren Hole, KK7M, 425-335-5158, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Walt Winters, AA7TL, 360-692-8326, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - 253-845-7652

FOR SALE!!!

Cushcraft R-5 Vertical Antenna (10, 12, 15, 17 and 20 meter coverage) with 10 foot mast. Works well; excess to needs. Seller disabled, buyer to dismantle. Make offer. We'll negotiate.
Jim Stephens, W7CSX, 253-846-6564 after 10 AM

RADIO CLUB OF TACOMA, W7DK

Tacoma Electronics Fleamarket

HEY! ITS A NEW AND BETTER LOCATION! COME JOIN US!



Saturday, September 11, 1999
Frontier Park (Pierce County Fair Grounds)
21718 Meridian Ave. E.
Graham, WA 98338-8051
Open 9 AM to 3 PM

Admission $5 (16 and under **FREE with an Adult**)

OnSite Dry Camping $7
with Power $10
Free Showers for Campers
Picnic Area
Park Setting Among Trees
Family Activities - Horse Shoes etc.

- **DOOR PRIZES**
- **LOTS OF FREE Parking**
- **Ham Gear**
- **Commercial Displays**
- **Computers & Electronic Equipment**
- **Country Store Available for Consignment Sales**

For More Info Call:
Roger @ 253-475-4293
rtwig@worldnet.att.net
RCT Club House @ 253-759-2040
www.mashell.com/~roblee/rct.htm

License Examinations Will Be Available at the Flea Market @ 10 AM



Talk - In on 147.38+ pl 103.5
Simplex 146.58

RETURN THIS PORTION FOR TABLE RESERVATIONS ONLY

Make Checks Payable to RCT Setup Friday 4 - 9 PM and Saturday 6 - 8:30 AM

Mail to: Radio Club of Tacoma Box 11188 Tacoma, WA 98411

#	Description	$
	Non - Commercial Tables @ $20 each All Tables sold include one admission	
	Helper Admissions @ $5 each We reserve the right to limit the number of helpers	
	Commercial Booths @ $30 each includes 2 admissions	
	Total Enclosed =	

Name: _____
Call: _____
Address : _____
_____
City: _____
State: ____ Zip: _____
Phone: _____

Do you Need Power? YES NO

All Reservations are First come First Served No Reservations will be Taken after Sept 1st. Tables will be available on site

9/99

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma, WA 98411

NON PROFIT ORG.
U.S. POSTAGE
PAID
TACOMA, WA
PERMIT NO. 1078

RETURN SERVICE REQUESTED

COMING EVENTS



SEPT 1 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

SEPT 8 - Club Meeting - Library Administration Center, 7:30 PM
Program: **UHF Mountaintopping.**. Jim Christiansen, K7ND

SEPT 10 – 26 DO THE PUYALLUP!

SEPT 11 – W7DK FLEA MARKET at Pierce County Fairgrounds, Graham

SEPT 14 - License Exams - 7 PM - Clubhouse

SEPT 15 - BARK deadline (please be as on time as possible!)

SEPT 22 - Club Meeting– Library Administration Center, 7:30 PM
Program: **Power Line Noise and Cures,** Jack Talmadge, RFI-TVI investigator for Puget Sound Energy

- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- See page 3 for meeting program schedule. Check the weekly net for updates to the program schedule.

Sign up today to work THE FAIR and/or the FleaMarket

HELLO FALL!

September 1999

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 7:30 PM RCT BOARD MTG *JAMES WA7DWG	2 *STUART W7OQQ *SUSAN N7WHA	3 *DAVE K7LHB	4  9:00 AM OPEN HOUSE 7:00 PM PINOCHLE POTLUCK *LES KA7MYU *MERLE W7QLG
5 *JAMES N7WGN *TOM W7PK	6 *CARL N7UDP  LABOR DAY	7 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	8 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD *JUDY AJ7R	9  RCT BOOTH AT WWA FAIR 9/10 THRU 9/26	10  FLEA MKT SET-UP ALL HANDS NEEDED	11  9:00 AM OPEN HOUSE 9:00 AM RCT FLEA MARKET
12  FALL IS HERE	13 *RAY KD7CZS	14 7:00 PM ARES NET 145.37R 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R	15  BARK DEADLINE	16	17 *JOHN KC7OQN WA STATE SALMON RUN	18  9:00 AM OPEN HOUSE *DON KD7DOR *PETER N7ENT *WORTH W7WG WA STATE SALMON RUN
19 *LEONARD N7CJY *OWEN WA7JZM *VALERIE KA7FLH WA STATE SALMON RUN	20 *ERIC WA7WAL	21 7:00 PM ARES NET 145.37R 7:00 PM MVWS LICENSE EXAMS 7:30 PM RCT NET 147.28R *GARY N7GWC	22 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD *CHUCK N7ETC	23 *JOE KA7DCX  FALL EQUINOX	24 *CHRISTEL KC7UFL	25  9:00 AM OPEN HOUSE *BOB KG7SM *CHRISTINA KC7WZC
26 *ALEX KB7LNZ *BUD KC7AVT *FRANK KC7CQW	27	28 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R *LORNA KB7YTJ	29 *AL K7HW *JOHN WB7ARK	30		

August 1999

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

October 1999

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB ARRL

/OL. XXXVI NR. 9 W7DK SEPTEMBER 1999

FROM THE PRESIDENT

Greetings.

First, an update on the ower repairs. If you have driven y the club house, you will note nat the top of the tower is gone. fter taking down the beam, we ound that the holes for the thrust earing did not line up. We had to emove the top section and take it a machine shop. We found that ne boom on the antenna was racked and is at the wielding hop. What this means is that the epeater is on the packet antenna. he packet is off line. We will ave everything up and running as soon as possible.



David Dodd, KB7AUJ, has had to step down as ur training supervisor due to work commitments. We all we David a big thanks for all he has done. This leaves s with the position open. If anyone is interested, please et me know. We are also in need of teachers for our technician classes. This is something that is very rewarding and is not very hard to do. The class is broken down into sections which follows a set of video tapes and outlines. Don't think that because you are a Technician that you can't teach other to become technicians. Anyone can teach a section. By getting others into Amateur Radio, you are helping to keep it growing.

Remember, there are 2 chances to help our club promote Amateur Radio this month -- **The FAIR** and the **flea market**. See items later in the BARK for info about signing up to help.

IN THIS ISSUE...

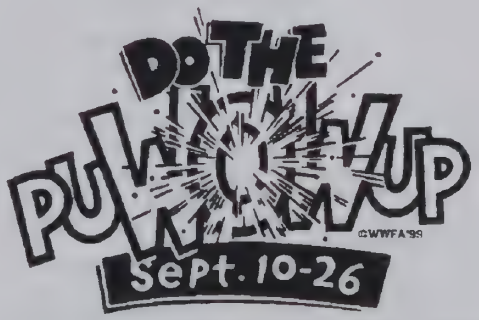
▶**COMING RCT PROGRAMS** - Page 3

▶ **ARRL NEWS - READ IT!** - Page 6

▶ **CONTEST CALENDAR** - Page 9

▶**UPDATED BY-LAWS** - Page 11

▶**VOLUNTEER** - TODAY!



FLEA MARKET

September 11, 1999 Pierce Co. Fairgrounds

ON THE WEB www.w7dk.org Come see us!

RADIO CLUB OF TACOMA -- 1998

PRESIDENT	ALAN HUGHES	KB7SVU	840-4947
V PRESIDENT	MICK PIER	KK7QS	847-8223
SECRETARY	NORA SIMMONS	KC7JME	847-5124
TREASURER	CHUCK SOUTER	KA7HJN	863-2650
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	WORTH GURLEY	W7WG	582-3844
	MOREL GUYOT	W6LIX	838-5433
	GEORGE NOBLE	KK7FM	756-1127
	ED ROOT	KC7OKS	851-7463
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COMPOSITOR	KATHLEEN NACE	NØEYK	209-5624
PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Náce, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call a club officer to pass on the word to the appropriate person(s).

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.28 / .88 MHz 144.97 - Packet
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Thomas D Jonez, KD7FNG RCT #2045
3818 Horsehead Bay Dr NW
Gig Harbor, WA 98335-5838 253-851-8858 Ext 218
tom@tjonez.com

Eric N Quist, WA7WAL RCT #2040
3122 N 13th St
Tacoma, WA 98406-6412 253-756-9893
equist@home.com

Gary A Martek, W7DO RCT #2041
Lynette Martek, KD7BVO RCT #2042
Monica Martek, No Call RCT #2043
Bernard Martek, No Call RCT #2044
308 118th Avenue Ct E
Edgewood, WA 98372-1423 253-826-0184
garym@seanet.com

Reinstatements

Address/Phone Changes/Corrections

Doug Smith, AJ7Y
3208 13th Ave NW
Gig Harbor, WA 98335-6860 Phone Unknown

Joseph Jenks, KA7DCX
9411 203rd Street Ct E
Graham, WA 98338-8549 Phone Unknown

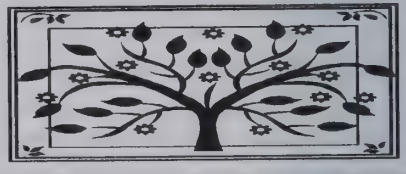
Bill Morgan, W7GPR
9415 169TH ST E
Puyallup, WA 98375-2280 Phone Unknown

E-Mail Address Changes/Additions

New Calls/Upgrades

Silent Keys

Alvin Swanson, K7LWJ (member in the 60s)
Ron Chudy, WA7UQV (former member)
Harold Parkinson, KA7RNL



ADDRESS CHANGES

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to Shirley, N7QHW, @ 253-265-3661.

COMING PROGRAMS AT RCT

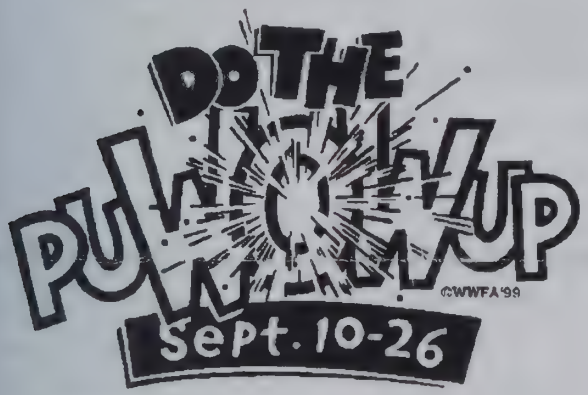
SEPTEMBER 8TH - UHF Mountaintopping.. Jim Christiansen, K7ND, from Fox Island will tell us about a team of microwave enthusiasts who operated from Mt. Craig, 4,000 feet up in the NE corner of the Olympic Peninsula. They primarily operated 2.3, 3.4, 5.7, and 10 GHz. Another team was on Mica Peak near Spokane; another on a hill near Sunnyside; and another on a hilltop near Scappoose, Oregon. The goal was to work as many grids as possible.

SEPTEMBER 22ND - Power Line Noise and Cures. Jack Talmadge from Ridgefield (near Vancouver) will explain the causes of power line and other radio frequency interference, and what steps are needed to cure such interference. Jack is the RFI-TVI investigator for Puget Sound Energy (formerly Puget Power).

OCTOBER - How Electronics Helps in the Drilling of Oil and Water Wells

NOVEMBER - FISTS - A Group Devoted to Promoting CW

IT'S HERE!!



THE FAIR is here! We have had in the past and gain have this year a booth in the Hobby Hall to promote ur hobby of Amateur Radio.

Volunteers are needed and most welome. Call Shirley at 253-265-3661 or e-mail to Shirley t sundance@harbornet.com. Always remember that you have an idea or comment, you may be asked to be charge of it. Words alone will not complete the project.

73 Shirley, N7QHW
Radio Club of Tacoma Puyallup Fair Booth Coordinator

CONTESTING OPPORTUNITY

The Washington State QSO Party (also known s the Salmon Run) will be September 18th and 19th. he rules and forms can be downloaded from the Westrn Washington DX Club Web site at: www.eskimo.com/oolon/wwdxc/index.html. **W7BUN will be operating he South Hill Contest Club, N7PP, as a multiopera-or station. If you wish to observe or participate, con-act Jerry, W7BUN, for a schedule.**

SECOND BYTE
NEW & USED MS-DOS COMPUTERS



ACCESSORIES, PERIPHERALS, AND UPGRADES

N7ARO

Roy Richards
642 NE Woods Ct.
Bremerton, WA 98311
Voice/Fax: (360) 479-2619
E-mail: 2ndbyte@kendaco.telebyte.com

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(800) 585-8500

AJ7Y

DOUGLAS K. SMITH
Attorney at Law
102 Tacoma Mall Plaza
2702 South 42nd Street
Tacoma, Washington 98409

PINOCLE



WE'RE BACK!!! BE THERE!!!
PINOCLE & POTLUCK
September 11th, 7 PM
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898

ARES/RACES

The following article was printed in the Group Health Cooperative "The Radiogram" which is the Medical Services Team newsletter. I though it was worth sharing for the sole purpose of letting all the new hams as well as those of us who have been around a while that the need for amateur radio operators in times of disasters is real. The need for participation in your local ARES(Amateur Radio Emergency Services) group is essential though because we need to be trained, experienced and have the proper equipment and only practice will get us there.

The Need for Portable Hams-Short Commentary
by April Moell, WA6OPS, EC HDSCS-Orange Co., California

There seems to be much handwringing these days over whether or not Amateur Radio is still needed for emergencies. Various new technologies and cell phones seem to create this anxiety. And there are many editorials being written about how hams need to become familiar with all these new technologies if they want to be used by the various emergency/government agencies.

Well, step back and take a look at Oklahoma. What are they begging for as I write this? It's the ham who can be portable and flexible. Requests are out for hams with mobile ham gear, external antennas and power sources. Requests are out for hams with good footwear, 2 meter radios, and batteries to last 10 hours. What we have to offer as hams is our service and our portability, if we would only prepare accordingly. But the only model we tend to follow is the EOC model. Got to have a fixed station with all bands, all modes, etc. That's fine, but what about being out in the field? What about responding to a hospital? What if those fixed stations are inaccessible or destroyed? And you don't have to look to just Oklahoma. Go back and read the critiques from Hurricane Andrew. Who were the hams that did the job? It was the ham that was able to go portable. The fixed stations at Red Cross headquarters and at EOC's had been destroyed.



N7QHW

Since 1980, HDSCS has responded to 66 emergencies, 50 of them phone outages. What helped us to help the hospitals? It was the individual ham, equipped to shadow a nursing supervisor as she went from unit to unit; the ham that could setup and communicate from the ICU; the ham that was able to set up a cross-band repeater to facilitate communications in the multi-story building.

When the emergency effects communications there will never be enough of any resource. Amateur Radio has a role in being one of the resources. Some people are proposing that if hams want to be involved in emergencies they better learn the new communications technologies and be willing to help operate everything from the fax machine to the satellite telephones. Maybe. But I submit to you all that if you develop the portability and flexibility of every emergency ham responder, you are likely to be a part of the action in a major disaster, not to mention those little disasters, such as phone outages at hospitals, that can also jeopardize peoples' lives.

73, April, WA6OPS

Do you want to get involved? Simply contact Alan Hughes, KB7SVU at 253-840-4947 and let him know.

Thanks for reading this and 73 Shirley, N7QHW

HAM HOME FOR SALE

QTH of N7ETC
2000 Square Foot home at the end of a dead end road on Carney Lake. Sauna, whirlpool and lots of new stuff! Huge 4 car garage converted to 2 car plus shop and radio shack (or spare bedroom). 160 feet of waterfront plus 3 acres of walking trails. 70 foot guyed tower with 6 element Mosley. $250K
Call: Chuck at 360-867-3873

SOMEONE HAS THEIR PACKET RADIO TUNED TO 147.88/28 voice repeater. The digital sound turns the repeater on many times a day. Please check the frequency of your packet transceiver.

ELECTRONIC THEORY CLASS: If there's enough interest, a complete electronics and radio theory course will be conducted at the clubhouse each Saturday morning for two and a half hours running from October through May. The course will start at "ground zero" and proceed all the way to digital electronics. This will be equivalent to two semesters of community college in basic electronics. Contact W7BUN to register.

CABLE PURCHASE: A large purchase of RG-213 Mil. Spec coaxial cable is being planned. If you need coax, this will be at a special quantity price. Contact W7BUN for details.

MISSING: A pair of pole climbing spurs. Loaned to a club member and never returned. Please contact Jerry, W7BUN, if you're the borrower. Thanks.

MEETING MINUTES



Radio Club of Tacoma
General Meeting
11 August 1999

The meeting was called to order by President Alan Hughes, KB7SVU, at 7:30 PM. Shirley, N7QHW, led the flag salute.

Attendance: There 35 members and 3 visitors in attendance. A quorum is present.

Health and Welfare: It was announced that Harold Parkinson, KA7RNL, and Alvin Swanson, K7LWJ, are now Silent Keys.

Program: Roger, K8RN, and Kathleen, NØEYK, presented the program this evening which was on their visit to the Very Large Array Radio Telescope in New Mexico. It was a fascinating and interesting presentation.

By-Law Change: Roger, WA7ANJ, read the proposed by-law change that was published in the July 1999 Bark and Moved we accept the change as published. Seconded by Ed, KC7OKS. Discussion followed related to the following statement in the proposed change.

Nominees for Officers shall have been club members in good standing for at least two years, and have served on the board for one year, or demonstrated "like kind" of service or activities acceptable to the Nominating Committee." Jerry, W7BUN, moved to split the motion. Seconded by Ed, KC7OKS. PASSED.

Jerry, W7BUN, moved Nominees for Officers and Board members be members in good standing. Seconded by Owen, WA7JZM. Discussion followed and Jerry, W7BUN, amended the motion to read Board members only have no time limit and Officers have been members in good standing for 2 years.

Roger, WA7ANJ, moved to delete the statement ", and have served on the board for one year, or demonstrated like kind" of service or activities acceptable to the Nominating Committee." from the proposed changes and amend his original motion as such. Seconded by Ed, KC7OKS. Jerry, Ed, and Owen agreed to withdraw their motions from the floor. MOTION PASSED.

Reports:

Antenna: Alan reported that the antenna project at the clubhouse is in progress and, weather permitting, the antenna may be back up this Sunday.

Training: David, WB7AUJ, announced that he has taken a job in the Philippines and will only be in town for a couple of weeks every 3 months so finds it necessary to resign from the Educational Coordinator position. There is also a need for more instructors. License class is not a factor to be an instructor so anyone who is interested should let Alan, KB7SVU, know and he will forward your name on to the appropriate person.

ULS(Universal Licensing System): Jerry, W7BUN, reported on ULS and what it means to us. It is not mandatory to register immediately; it can be done at the time of renewal, address change or whatever. Hams are encouraged to register though if they want to. It can be done on line at www.fcc.gov/wtb/uls/ and click on "TIN/Call Sign Registration". You will be given a License ID number, which can then be used instead of writing your Social Security number on forms, related to licensure.

There is a new ***FCC form #605***, which replaces the Form #610. The 610 forms may be used until February 16, 2000 but you must put your Social Security number on them in a prominent location(across the top is suggested).

Jerry also announced that he is able to bulk order ***RG 213 coaxial cable*** for approximately $.36/foot. Contact Jerry, W7BUN, at 253-845-7652 if you are interested.

Jerry is also interested in doing the ***Salmon Run contest*** from his home in September. Contact him if you are interested in participating.

Flea Market: Chuck, KA7HJN, reminds all of us of our annual fundraiser, the Fleamarket, taking place on September 11, 1999 with set up on the 10th. All help is needed to make light work of the process. It will be held at the Pierce County Fairgrounds in Graham.

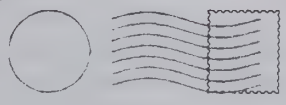
VE Testing: Shirley, N7QHW, announced that there will be VE testing at the Flea Market and again on the 14th of September. We will need VE's for both sessions. We have lots of VE's on our list but they are not coming to testing sessions. If we don't have enough VE's at the session, we may have to cancel so please come. You are needed.

FAIR: There are still open shifts.

Meeting adjourned at 9:15 PM.

Respectfully submitted,
Shirley Murphy, N7QHW

NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW TO CONTINUE RECEIVING YOUR BARK



◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet and other sources.



W7BUN

ULS LOOMS LARGE FOR AMATEURS

Say hello to the ULS! Monday, August 16, the FCC's Universal Licensing System became a reality for the Amateur Service. The ULS ushers in an era of electronic, interactive filing and handling of Amateur Radio applications and marks a major change in the way hams will deal with the FCC. It also means the demise of the familiar paper FCC Form 610 series in favor of the "universal" Form 605--primarily designed for electronic use but also available on paper. Once registered, amateurs filing applications with the FCC under the ULS will use Form 605 for all purposes except--at least for now--club station applications.
For more information, visit the FCC's ULS page, http://www.fcc.gov/wtb/uls.

CHANGES SWEEPING IN TO NOVEMBER SWEEPSTAKES

Starting this year, the ARRL November Sweepstakes exchange will become a bit more challenging with the addition of three new precedence letters to the list. All other elements of the SS exchange will remain the same. In the past, the precedence--the second element of information stations pass to each other--has consisted of a single letter--A, B, or Q--indicating the station's power level. Starting this fall, the precedence also will indicate the station's entry category, and stations can expect to encounter three new precedence letters: U, M, and S.

Under the revised SS exchange, stations will send "Q" for single operator, QRP (5 W PEP output or less); "A" for single operator, low power (less than 150 W PEP); "B" for single operator, high power (more than 150 W PEP); "U" for single operator, unlimited; "M" for multi-operator; and "S" for school club.

All stations using computerized logging now will have to submit their electronic log files, not just a paper file but handwritten paper logs are still okay. The 1999 ARRL November Sweepstakes takes place November 6-8 (CW) and November 20-22 (phone). Complete rules will appear in the October issue of QST. The rules have not been updated on ARRLWeb.

GOLDWATER HAM STATION TO BECOME MUSEUM EXHIBIT

The well-known ham station of the late Sen Barry Goldwater, K7UGA, is being donated to the Arizona Historical Society for display as a museum exhibit. The Society plans to set up the massive station console and equipment "as the late Senator used it," said Reba Wells Grandrud, director of the Society's Central Arizona Division.

Grandrud said that current plans call for the K7UGA station equipment and console to be moved from the Goldwater home in Paradise Valley, Arizona, and reassembled at the Society's museum in Papago Park in Tempe sometime during the next year. Details are still being worked out.

The museum intends to display the station intact and hopes to recreate the look and feel of the original Goldwater ham shack through the use of digital photographic techniques. "Our plan is probably to recreate a room just as he had it," including all of Goldwater's photographs and other memorabilia, Grandrud said. While it's unlikely the station itself would be operational, she said the museum might "simulate" an operating setup for the sake of visitors.

Goldwater's station and massive antenna system were used to complete thousands of phone patch messages for troops during the Vietnam War. The antennas have been dismantled and sold, and will not be a part of the museum exhibit.

ARRL BOARD ADOPTS NEW LEAGUE IDENTITY

The ARRL Board of Directors unanimously has approved the use of a new identity for the League. The Board accepted the recommendation of the ARRL Executive Committee to emphasize the initials "ARRL" in conjunction with the tag line "The national association for Amateur Radio." The new identity--which is not a legal name change--will appear on League correspondence and publications. The traditional--and legal--name will be retained but de-emphasized; a new ARRL letterhead design includes "American Radio Relay League" at the bottom. The ARRL Board also approved a proposal to hold a Hiram Percy Maxim 130-year anniversary on-the-air event in September. The event will mark the 130th anniversary of Maxim's birth, September 2, 1869. It will take place September 2-11.

CQ EDITOR ALAN M. DORHOFFER, K2EEK, SK

CQ Editor Alan M. Dorhoffer, K2EEK, died July 19 from complications of cancer surgery. He was 61. Dorhoffer, who'd served as editor of CQ for nearly a quarter-century, had spent his entire professional life at the magazine. He started as an assistant editor in 1964 and become the magazine's tenth editor in 1976. He'd been a co-owner of the magazine since 1979.

A ham since his teenage years, Dorhoffer, who lived in Port Washington, New York, concentrated his activity on his favorite band, 10 meters. At CQ, he tried to focus on the "people" aspects of Amateur Radio. "Ham radio is people interacting with other people," he wrote in the magazine's 50th anniversary issue, and on the things people do with Amateur Radio. "The act of doing, whether it's contests or awards, that's been my outlook."

Dorhoffer's illness was diagnosed only a week or so before he succumbed to it. He was not married at the time of his death and had no children; but he is survived by an "extended family" of more than a million close friends--the world's Amateur Radio community.

FLEA MARKET 1999

Please be sure to mark your calendar for Friday, September 10th and Saturday, Sept 11th for the RCT Flea Market at Frontier Park, also known as Pierce County Fairgrounds.

The work party for clean up/set up will start noon on Friday the 10th. Please bring brooms and whatever you think will help in the clean-up process.



We need every member to pitch in and do a little. If, like last year, enough folks show up the work will get done quickly and no one will have too much to do.

This event is vital to the Radio Club of Tacoma so please plan to attend and help out. Thank you very much.

Chuck Souter, KA7HJN

HELP WANTED!

ULS - What is it?

Jim Etzwilei, KD7BAT

ULS is an abbreviation for the phrase Universal Licensing System. What does this have to do with us, the amateur radio operators? Where did this come from? What if I just ignore it, will it go away? Is there some advantage for me to use ULS? I will try to address some of these in the following article. In the beginning, well not that far back for our purposes, congress passed the Debt Collection Improvement Act of 1996. This required the Federal Communications Commission (FCC) and others to record a Taxpayer Identification Number (TIN) for each licensed transaction (new issue, renewal, update, etc.). For most of us amateurs, TIN translates to our Social Security Number (SSN).

The Wireless Telecommunication Bureau (WTB) of the FCC began implementation and found they had at least eleven different systems to update. In September 1998, the FCC adopted a Report and Order concerning ULS in which it adopted new licensing rules and revised application forms for future use in ULS. In February 1999 they set a date of May 1, 1999 to universally disband all other systems except ULS. In late, April they rescinded the universal date and announced that the remaining conversions to ULS would be announced as each system became converted.

ULS is being implemented to reduce the number of licensing systems the WTB of the FCC has to maintain. The change came as a result of a data recording requirement passed by congress. The implementation will mean for us that there will be several fewer forms to fill out. For those of us with access to the Internet we will be able to update and/or renew electronically once we have registered with ULS.

Register? Yes, register means to provide the ULS system with your TIN and a desired password and ULS will issue you a unique seven-digit ID number. Registration is supposed to take only a few minutes during an Internet session. There is also a way to do this via a manual form, but password changes can only be revised via the Internet. The ID identifies you to ULS without having to continually supply your TIN. The password is in lieu of your signature (so protect it). The ULS ID protects your SSN and satisfies the regulation passed by congress. The FCC plans to implement ULS for the Amateur Service in August. It is recommended that all of us register with ULS soon. ULS registration is required in order to receive FCC services in the future. Without the TIN or ULS registration, no forms will be accepted for processing, neither electronically nor manually. No form accepted means no renewals or upgrades. The electronic implementation of ULS also means that computer programs can be written to check the forms and interactively prompt for missing or inconsistent data. For those with Internet access, it means that updates will be filled faster and with less hassle. Almost all-local libraries have Internet access if you do not have access from home. The following table shows the current progress of WTB in implementation of ULS.

Radio Services Currently Implemented in the ULS

- General Mobile Radio Service (GMRS) -effective 4/19/99,
- 900 MHz Specialized Mobile Radio (SMR) -effective 4/19/99,
- Aircraft Stations - effective 1/19/99,
- Auction 20 - VHF Public Coast Service; Auction 18-220 Mllz Radio Service,
- All Cellular Radiotelephone Service - effective 12/14/98,
- Personal Communications Services (PCS) - effective 9/23/98,
- Wireless Communications Services (WCS)effective 9/23/98,
- Offshore Radiotelephone - effective 7/1/98,
- Paging & Radiotelephone - effective 6/1/98,
- Auction 17 - Microwave Local Multipoint Distribution Service,
- Auction 16 - Land Mobile SMR, 806-821/ 851-866 MHz.

Radio Services Planned for the ULS

- Ship,
- Antenna Structure Registration;
- Microwave,
- Commercial Radio Operator Licenses,
- Marine Coast and Aviation Ground,
- Amateur Planned August 2, 1999;
- Land Mobile.

Most of my information came from the web at

http://www.fcc.gov/wtb/uls/. Visit this site for more information and to register with ULS click on "TIN/ Call Sign Registration."

THANKS MIKE AND KEY ARC "RELAY" JULY 1999

AREA SWAP MEETS

Tacoma Electronics Flea Market
Saturday, September 11, 1999, 9:00 AM - 3:00 PM
Frontier Park (Pierce County Fair Grounds)
21718 Meridian Ave. E.
Graham WA 98338-8051
Contact: Roger@(253) 475-4293
or Contact: RCT Club House@(253) 759-2040
Talk-in on 147.38+ pl=103.5 Repeater; 146.58 Simplex

Belling Ham Radio Fleamarket
Saturday, October 30, 1999, 9:00 AM - 2:00 PM
QTH - Ferndale Band Boosters' Bingo Hall; Ferndale WA
Contact: Al Norton (K7IEY)
1008 Liberty St, Lynden WA
(360) 354-4622
or Contact: Terry Andrew (VE7BUS/W7) via e-mail
Talk-in on 146.74- pl=none Repeater

SCHEDULE YOUR SWAPMEET VISIT

ELMER BOARD

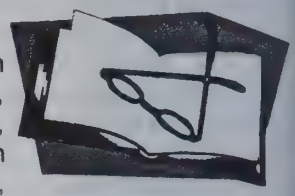
Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members area their areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment

Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Roger, WA7ANJ	253-475-4293	1,7,8,11
Frank, AB7YZ	253-752-8520	2,3

Amateur Radio Exams

in the Puget Sound Region as of July, 1999



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Saturday - 1 PM - Boeing **Kent** Rec. Center, 22649 83rd Ave So, Room "C", - Contact Rick Antes, KF7VG, 425-277-2220, Des Moines

2nd Tuesday - 7:00 PM - Radio Club of* Tacoma *Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 360-456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Denny's Restaurant, #3 13100 48th So., Contact Mary Lewis, W7QGP, 206-523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 Tobin Street - Contact Mike Dinkelman, N7WA, 253-854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 360-793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

3rd Saturday - 10 AM - **Shelton** - Shelton Airport - Contact - Dick Bostrom, N7LD, 360-426-4627, Shelton

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 360-456-5571, Olympia

4th Saturday - 10 AM - **Everett** - Everett Housing Authority - 14th and Popular - Contact Loren Hole, KK7M, 425-335-5158, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Walt Winters, AA7TL, 360-692-8326, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - 253-845-7652



Editor's Notes

de NØEYK

E-Mail address:
kathleen@naceplace.com



We are back in Puyallup for a while! It is nice to be where it is a little cooler! The convention went well and the rally we attended in NE WA in early August was informative and lots of fun. Now it is time to do some sorting at our storage locker and in the rig. AND it is time to DO THE PUYALLUP and help with the RCT flea market. If you haven't already signed up to do a shift or 2 at THE FAIR and/or to help with the various needs to make the flea market happen successfully, PLEASE check your calendars and pick some dates. All of us working together will make both events successful!

Also remember the weekend no-code tech class that is coming in early October.

See you next month! Kathleen

MFJ Delux Versa Tuner
Antenna Tuner Model 949E
with built in Dummy Load
$125.00

Kenwood Remote VFO-230
$125.00

National NC-125 Receiver
(Vintage) $100.00

Contact: Jack, W7IMW
253-564-3997



Radio Club of Tacoma License Exams

SEPTEMBER 14, 1999

7 PM RCT Clubhouse

1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.25. For information call:
Shirley Murphy, N7QHW @ 253-265-3661

Your Ad Could Be Here!

Call, Shirley, N7QHW
at (253)265-3661 for info.

SEPT CONTESTS



WITH AMATEUR RADIO

4-5
North American Sprint, CW
Labor Day CW Sprint

11-12
ARRL September VHF QSO Party
Worked All Europe Contest, phone
North American Sprint, phone
Illinois QSO Party

17-19
YLRL Howdy Days
QCWA QSO Party

18-20
ARRL 10 GHz and Up Cumulative Contest
Air Force Anniversary QSO Party
Washington State Salmon Run
Tennessee QSO Party

25-26
CQ/RJ WW RTTY Contest
Heart of Dixie QSO Party
VHF/UHF Fall Sprints, 50 MHz

Want more info, check
www.arrl.org/contests

RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.
SIZES Small through XL ARE $36, XXL ARE $40 AND XXXL ARE $43.00.
GET ONE NOW!
Call Shirley, N7QHW, at 253-265-3661, to order yours today!

THE RADIO CLUB OF TACOMA BY-LAWS

August 11, 1999

SECTION ONE - MEMBERSHIP

(A) FULL MEMBERSHIP. Full membership in the Radio Club of Tacoma [Hereinafter referred to as the "club"] shall be made available to all currently licensed amateur radio operators. Once admitted, full members shall be those members who remain in good standing [good standing shall be defined as remaining current on all membership fees and continuing to meet all other requirements of membership]. Those non-licensed full members in good standing prior to the adoption of these by-laws shall continue to be full members so long as they otherwise remain in good standing.

(B) FAMILY MEMBERSHIP. Family membership is open to all spouses and dependents holding current amateur radio operators licenses who reside at the same address as a full member head of household. Family members shall have the same rights and privileges as full members.

(C) ASSOCIATE MEMBERSHIP. Associate membership is open to all other interested persons. Associate membership shall not confer rights to hold club office or chair committees nor provide for any voting privileges.

(D) HONORARY MEMBERSHIP. Honorary members will be those licensed amateur radio operators who, in the opinion of the Board of Directors, have made an outstanding contribution to the welfare of the club or the amateur radio service. Honorary members will be granted a paid-up lifetime membership in the club. A candidate for honorary membership may be proposed in writing to the Board of Directors by three full members. The Board will recommend action on the nomination. Two-thirds (2/3) of the voting members at any regular or special meeting will be necessary to confirm the nomination.

(E) SPECIAL MEMBERSHIP. Special members shall be former full or associate members unable to regularly participate in club activities due to absentee residency. Special members may be proposed in writing to the Board of Directors by three full members. The Board shall recommend action of the nomination. Two-thirds (2/3) of the voting members at any regular or special meeting shall be necessary to confirm the nomination. Special members may not hold office, shall not have voting privileges, shall not be required to pay annual membership dues, and shall receive the club newsletter.

(F) STUDENT MEMBERSHIP. Student membership is available to Full or Associate Members up to age 25 attending school full time.

(G) REVIEW. All memberships shall be subject to review by the Board of Directors and the membership at large at any time. A member may be suspended for due cause by a unanimous vote of the Board of Directors, however, a member so suspended will have the right to request a review of the suspension by the membership at any regular or special meeting. Two-thirds (2/3) of the voting members at any regular or special meeting will be necessary to overturn the decision of the Board.

(H) NON-DISCRIMINATION. The club shall not discriminate against any person on the basis of race, color, religion,national origin, age, sex or any disability.

SECTION TWO - MEMBERSHIP FEES AND ASSESSMENTS

(A) DETERMINATION. The Board of Directors shall, no later than its November Board of Directors meeting determine the membership dues for the upcoming year and shall publish same in the next available issue of the club newsletter.

(B) DUE DATE. Membership shall commence with the tender of a properly completed application and appropriate fee to any club officer. Annual membership dues will be paid in advance, in total on or before December 31 of each year. Renewal notice may be provided in the club newsletter. Dues not received by March 31 of the current membership year shall be considered in arrears at which point membership and all rights and privileges therein will be terminated without further notice.

(C) PRO-RATA. For the purpose of setting the dues payable by members who join at any other time than the first half of the year, dues will be divisible and payable on a 6 month basis. For example, an individual joining th e club in the second half of the year would be responsible for payment of 1/2 the annual dues.

(D) LIFE MEMBERSHIP. Life membership is available to full or associate members upon payment of twenty (20) times the full annual membership fees in effect at the time of the application. Life membership fees may be paid in four semi-annual installments. A member paying installments, who is unable to complete full payment, shall be considered paid for the number of years membership already paid. Partial life membership payments will be non-refundable. Life membership for a licensed family member shall be twenty times the annual family membership dues when accompanied with a life membership.

(E) ASSOCIATE MEMBERSHIP. Associate members shall pay the Full member rate.

(F) FAMILY MEMBERSHIP. Family Members shall pay the Family Member rate.

(G) STUDENT MEMBERSHIP. Student Members shall pay the Student Member rate.

(H) SENIOR MEMBERSHIP. Full Members over the age of 65 years shall be eligible for Senior rate dues.

(I) SPECIAL ASSESSMENTS. The Board of Directors shall be empowered to recommend special assessments to the membership as necessary. A majority of the voting members present at any regular or special meeting shall be required to confirm the Board's assessment recommendation. Assessments will be due and payable in full within thirty days of notice to the membership. Failure to pay the assessment will be handled in the same manner as failure to pay membership dues.

SECTION THREE - AFFILIATION

The club will maintain its affiliation with the American Radio Relay League (ARRL) of Newington, Connecticut. Members will be encouraged to become associated with the league and participate in its efforts to promote the welfare and technical advancement of amateur radio.

SECTION FOUR - ELECTION OF OFFICERS AND BOARD OF DIRECTORS

(A) NOMINATING COMMITTEE. On or before the regular September meeting of each year, the President shall appoint a Nominating Committee consisting of a Chairperson and at least two other full members who are not current officers. Members of the nominating committee shall have been full members of the club for at least one year. Nominees for Board Positions shall have been club members in good standing for at least one year. Nominees for Officers shall have been club members in good standing for at least two years.
(B) IN NOVEMBER 1999:
1. The Vice-President, Secretary and three board members at large ("odd" positions #1, #3, #5) will be elected for a two year term; re-election for these members will be in "odd years" (2001, 2003, etc.) for a two period.
2. The President, Treasurer and two board members at large ("even" positions #2, #4) will be elected for a one year term: re-election for these members will be in "even years" (2000, 2002,

etc.) for a two year period. The committee shall nominate at least one candidate for each open officer and Board position. The committee shall present their nominees to the club at the October regular meeting. Additional nominations shall be accepted from the floor at the October regular meeting. No member may be nominated from the floor without giving their prior permission."

(B) ELECTION COMMITTEE. At the conclusion of nominations from the floor during the October regular meeting the President shall appoint an election committee consisting of a chairperson and at least two other full members none of who may be candidates for election. This committee shall be responsible for composition, distribution and collection of all ballots.

(C) BALLOT. The election will be held by secret written ballot. Candidates for each office shall be listed in alphabetical order by last name. Ballots shall be mailed to all voting members in good standing on or before October 20 of each year and shall be returned by mail postmarked no later than November 5 or personally delivered to the secretary prior to the start of the November annual meeting. The ballot as issued by the election committee will be the official document used for conducting the election. No other form, facsimile or copy will be accepted or counted. Voting by proxy will not be permitted.

(D) RESULTS OF ELECTION. The Elections Committee shall, at the November annual meeting, accumulate and tally all ballots and announce the results of voting. A majority of all votes cast shall be necessary to elect an officer. Board members shall be elected by a plurality (for example the candidates receiving the most votes for the number of vacancies shall be elected). If there is no candidate for an office who receives a majority of the votes cast, a written run-off election shall be held at that same annual meeting until a final determination is made. All ballots shall be retained by the Secretary for a period of thirty days after the election or until all disputes involving the election have been resolved. Upon completion of the retention period the ballots shall be destroyed.

(E) DISPUTES. The judge of the elections shall be the club President and in that capacity the President shall make the final determination as to resolution of issues or disputes. The President's decision may be appealed by a vote of two-thirds (2/3) of the voting members present at that meeting.

(F) VOTING MEMBERS. A voting member is a Full Member in good standing.

(F) VACANCIES. Officer or Board member vacancies occurring between annual elections shall be filled by an appointment by the President. The person filling the vacancy shall serve to the end of the term of the officer or Board member replaced.

SECTION FIVE - OFFICERS AND BOARD OF DIRECTORS

(A) POSITIONS. The officers of this club shall be President, Vice-president, Secretary and Treasurer. The Board of Directors shall consist of the listed officers, and five Board members elected at large. Newly elected Officers and Board members will assume their duties on January 1 following their election.

(B) ATTENDANCE. A vacancy in office may occur if any officer or Board member is absent for three consecutive Board or regular club meetings without giving sufficient reasons to the Board. It shall be the duty of the officers to bring such absences to the attention of the membership who may, after a due process hearing from the absent member, declare the office in question vacant by simple majority vote of those members present at a special or regular meeting. Officers and Board members may be removed from office for other due cause by two-thirds (2/3) of the voting members present at any regular or special meeting. Notification of any pending removal of an officer or Board member must be given in the club newsletter at least 30 days prior to the meeting where that removal is to be considered.

(C) PRESIDENT. It is the duty of the President to call to order and preside at all Board, annual, regular and special meetings of the club; to conduct any business before the body; to preserve decorum and order at these meetings and to enforce due observance of the Articles of Incorporation and these by-laws. The President may approve emergency expenditures with the concurrence of at least a majority of the Board. The President shall appoint a club station trustee upon application for license renewal or upon the death or resignation of the present trustee. The Trustee shall maintain an Extra Class license and be responsible for maintaining the club's license. A vacancy in the office of President shall be assumed in order, by the Vice-President, Secretary, and Treasurer.

(D) VICE-PRESIDENT. It is the duty of the Vice-President to organize, coordinate, and chair the membership committee. The Vice-President shall keep the Board and the membership apprised of activities and progress at least once every three months. The Vice-President shall preside at all official functions in the absence of the President.

(E) SECRETARY. It is the duty of the Secretary to maintain the club records, keep accurate minutes of all meetings, maintain, transmit and receive all correspondence and performsuch duties as are inherent in the office. The Secretary shall maintain a listing of all members present at each annual, regular or special meeting, and will conduct a roll call of the Board at each of its meeting.

(F) TREASURER. It is the duty of the treasurer to receive all moneys due the club, giving a receipt therefor; to pay all routine or recurring bills with the approval of the Board of Directors, and to pay all capital expenditures or extraordinary bills as directed by the Board of Directors.

(1) EXTRAORDINARY EXPENSES. All capitalor extraordinary expenses in excess of $2,000 shall be approved by a majority of voting members at a meeting where notice of the proposed expenditure has been announced at least 10 days prior to the meeting.

(2) RECORD KEEPING. It is also the duty of the Treasurer to keep an accurate accounting of all assets; including a detail of all income and expenditures in a form approved by the Board of Directors. All current assets shall be kept in a place of safe keeping as approved by the Board of Directors. The Treasurer shall provide a monthly summary report in a format approved by the Board of Directors, to the Board of Directors and the membership, and shall report the club's complete financial condition to the membership during the month of April. The Treasurer shall assist the incoming Treasurer by providing a smooth transition in financial record keeping.

(3) AUDIT AND FILINGS. The club's financial records shall be submitted for a review no later than March 1 of each year. The Treasurer shall facilitate the filing of all appropriate financial records and required reports to the State of Washington and Internal Revenue Service on or before the respective filing deadlines.

(4) TREASURER'S BOND. The Treasurer shall be bonded in an amount sufficient to reimburse the club for any loss of revenues or assets due to acts of errors or omissions. The Board of Directors, at its February meeting shall determine the amount and term of the required bond. Payment of the Treasurer's bond shall come from the Club's general fund.

(G) BOARD OF DIRECTORS. The Board of Directors shall be responsible for the day-to-day operations of the Club and the following:

(1) BUDGET. The Treasurer shall propose an annual budget for Board approval and the Board shall manage expenditures in compliance with that budget. The budget shall be published to the membership in the Club newsletter. Revisions to the annual budget will receive approval from the majority of voting members at a meeting. The budget shall also contain a "Long Range Plan" tabulating future anticipated expenses within the next 3 years and reserve funds shall be set aside for the anticipated needs.

(2) INSURANCE. The Board shall determine insurance requirements and obtain the necessary insurance coverage.

(3) TRUST FUNDS. The Board of Directors is authorized to establish various trust funds for such purposes as may be deemed necessary by the membership. The entire Board shall be the trustees for the respective funds.

(4) ASSISTANT SECRETARY & ASSISTANT TREASURER. The Board shall be permitted to appoint Assistant Secretary(s) and Assistant Treasurer(s) as non-voting Board members if necessary.

(5) RULES AND REGULATIONS. The Board shall adopt, amend and repeal if necessary, administrative rules and regulations for the efficient operation of the club. The membership may amend or repeal such rules and regulations by a majority vote of members present at a regular meeting.

(6) PUBLIC SERVICE PLAN. The Board shall develop a program covering public services and fund raising activities necessary to support the purposes of the club.

SECTION SIX - MEETINGS

(A) FREQUENCY. Regular meetings of the club shall be held at least once per month at a time and place designated by the Board of Directors with the first club meeting of the month defined as the "Regular Meeting". Special meetings may be called by the President, Board of Directors or on written request of at least five full members at least ten days in advance of the requested time. The Board of Directors, or those persons calling for the special meeting shall make every effort to advise the membership of the special meeting. The Annual Meeting of the club shall be the November Regular Meeting to elect officers and transact any other business as may be deemed necessary by the Board or the membership. Notice of all meetings will be provided in the club newsletter. The Board of Directors shall hold a monthly regular meeting and any necessary special meetings may be called by the President or by request of three (3) Directors.

(B) QUORUM. At all annual, regular and special meetings ten percent (10%) of the voting membership shall constitute a quorum for the transaction of business pertaining to the club. The Secretary shall verify and announce the required quorum prior to commencement of any business discussions. All matters requiring a vote shall be based upon the majority or fractional total of voting members present at that meeting. At all Board of Directors meetings, five Board members shall constitute a quorum for the transaction of business. A majority vote shall be determined by fifty percent (50%) plus one of the total voting members present at that meeting. Committee members may determine among themselves the quorum requirements for their respective committees.

(C) CONDUCT. Robert's Rules of Order, Newly Revised, will be used to govern all proceedings of this club when not covered by these by-laws.

SECTION SEVEN - COMMITTEES AND APPOINTEES

The president shall name all committee chairpersons and appointees and shall set forth duties as required or requested. The chairperson shall be responsible to the President. Committees shall remain in existence and their chairperson in that position unless otherwise determined by the committee, the President, or the Board of Directors.

(A) STANDING COMMITTEES. The following permanent standing committees are established. The Board may establish additional standing committees with a suitable scope defined and published in the club newsletter. These committees shall be tabulated in the roster of

committees maintained by the Secretary, and changes shall be incorporated at the next routine Bylaws revision.

(1) MEMBERSHIP. A standing committee shall be responsible for all membership accounting tasks required for the classes of members defined in Section One. This includes the development of the Membership Application Form, Issuing Membership Cards and Certificates, maintaining a data base record of skills and interests as reported on applications, and maintenance of the membership Roster and Mailing Labels. This committee shall recommend to the Board for approval, a list of items to be distributed to new members and request action for development of information and brochures needed for recruiting and public service announcements.

(2) EMERGENCY OPERATIONS. The standing Emergency Operations Committee shall establish a plan to operate the Club station on any frequency band required and under emergency power when requested in an emergency. This plan shall include a roster of qualified operators, a call out procedure, operator scheduling, traffic handling procedures, and reporting requirements. The committee shall define training requirements to the Education Coordinator who shall establish classes as necessary and define operator certification/qualification criteria.

(3) PUBLIC RELATIONS. A standing Public Relations Committee shall be responsible for publicity, promoting, and advertising Club activities to the public and contacting governmental agencies to help determine areas of public needs within the scope of the Club's purpose. The committee shall recommend projects/programs for Board consideration.

(4) SCHOLARSHIP COMMITTEE. The Scholarship Committee shall establish qualifications , procedures, application and selection processes for scholarships. It shall provide suggestions to the Board for funding methods and publicity programs. Scholarship recommendations shall be presented to the Board of Directors for approval.

(B) AD HOC COMMITTEES. The President or the Board of Directors may establish ad hoc committees for any necessary purpose in the management of the Club. Each committee shall have a specific objective that terminates the committee upon completion.

(C) APPOINTEES

(1) The President shall appoint a Parliamentarian prior to the first regular meeting in January to provide advice on Parlimentary concerns.

(2) The President shall appoint a newsletter editor.

SECTION EIGHT - CLUB SERVICES

The Club shall provide the following services in support of it's charitable, educational and scientific purposes.

(A) EDUCATION

(1) CLUB PUBLICATION. The Club shall sponsor an official monthly newsletter to inform the membership of scheduled activities as well as technical and regulatory news. The newsletter shall also contain minutes for all meetings which have occurred since publication of the previous edition.

(2) TRAINING CLASSES. The Club shall conduct, sponsor and promote classes in preparation for amateur radio examinations; including but not limited to Morse code training, electronics theory, communications law, current operating practices and techniques and any other subjects which may advance the amateur radio service.

(3) EXAMINATIONS. The Club shall conduct, sponsor or promote voluntary examination sessions for prospective amateur radio operators, under the auspices and guidance of the American Radio Relay League accredited examiner program.. Sessions shall be publicized and shall be available to the general public .

(4) SCHOLARSHIPS. The Club shall sponsor Scholarships to deserving students in the Club's or other schools' classes as determined by the Board policy and recommendations of the Scholarship Committee.

(B) TRAINING SUPPORT FACILITIES

(1) LIBRARY. The club shall maintain a library of radio, electronics, and computer-related technical journals and publications to meet the educational and research needs of the members and the public.

(2) MUSEUM. The Club shall maintain a museum of historical radio equipment and documentation to support its educational, training and public interests.

(3) CONSTRUCTION AND TEST BENCH. The Club shall maintain a work area for equipment repair and testing in support of its equipment operations and educational training.

(4) CLASS ROOM SPACE. The Club shall maintain an area for meetings and classes of the Club.

(C) COMMUNICATIONS FACILITIES

(1) LICENSED OPERATING STATIONS. The Club shall maintain facilities to house an operating amateur radio station to improve operating skills and to provide emergency communications when requested. The Club shall maintain a current, valid amateur radio license as issued by the Federal Communications Commission. In addition the Club shall operate repeater systems to support local emergency and general communications.

(2) OFFICIAL EMERGENCY STATION. The station shall maintain its Official Emergency Station status with the American Radio Relay League and comply with all necessary management and reporting requirements of the ARRL.

(3) EMERGENCY AND PORTABLE OPERATING EQUIPMENT. The Club shall maintain portable power equipment, antennas and transceivers as necessary for emergency communications.

(4) EQUIPMENT LOANS. The Club will maintain equipment for loan to members.

(D) RECOGNITION PROGRAM

The club shall maintain an active awards program to recognize selected members. Specific awards and criteria shall be detailed in the standing rules.

(E) PUBLIC SERVICE ACTIVITIES

(1) AMATEUR RADIO EMERGENCY SERVICES(ARES). The Club shall actively support the Pierce County ARES communications mission with the use of Club radio and meeting facilities in support of the Pierce County Department of Emergency Services. A strong endorsement and recommendation shall be given members to join ARES.

(2) RADIO AMATEUR CIVIL EMERGENCY SERVICE(RACES). In the time of a governmental declaration of emergency, the Club shall support RACES with the use of Club facilities and member support.

(3) CONVENTIONS. The Club may sponsor conventions, trade shows, educational seminars and other gatherings to provide a means of demonstrating and discussing advances in amateur radio communications techniques and computer technology, and to provide a focal point for technical training. The public shall be invited to attend and participate in these activities.

(4) PUBLIC SERVICE PROJECTS. Upon request, the club shall support local public service events as requested by charities, governmental agencies and other public agencies.

SECTION NINE - AMENDMENTS

(A) PROCEDURE. Proposed amendments to these by-laws shall be submitted in writing to the Board of Directors for evaluation.

(B) VOTING. These by-laws may be amended at any annual, regular or special meeting of this club by two-thirds (2/3) of the voting members present at that meeting.

(C) NOTIFICATION. The membership shall be notified of proposed by-law changes by mail at least 30 days prior to the meeting at which the vote on the amendment(s) is to be taken. A voting member may request an absentee ballot from the Secretary, which shall be returned to the Secretary prior to the commencement of the meeting at which the vote is to be taken.

(D) TIME OF EFFECT. Unless otherwise noted, any amendments to these by-laws will be effective immediately upon passage.

RADIO CLUB OF TACOMA, W7DK

Tacoma Electronics Fleamarket

HEY! ITS A NEW AND BETTER LOCATION! COME JOIN US!



Saturday, September 11, 1999
Frontier Park (Pierce County Fair Grounds)
21718 Meridian Ave. E.
Graham, WA 98338-8051
Open 9 AM to 3 PM

Admission $5 (16 and under FREE with an Adult)

OnSite Dry Camping $7
with Power $10
Free Showers for Campers
Picnic Area
Park Setting Among Trees
Family Activities - Horse Shoes etc.

☞ DOOR PRIZES
☞ LOTS OF FREE Parking
☞ Ham Gear
☞ Commercial Displays
☞ Computers & Electronic Equipment
☞ Country Store Available for Consignment Sales

For More Info Call:
Roger @ 253-475-4293
rtwig@worldnet.att.net
RCT Club House @ 253-759-2040
www.mashell.com/~roblee/rct.htm

License Examinations Will Be Available at the Flea Market @ 10 AM



Talk - In on 147.38+ pl 103.5
Simplex 146.58

RETURN THIS PORTION FOR TABLE RESERVATIONS ONLY

Make Checks Payable to RCT Setup Friday 4 - 9 PM and Saturday 6 - 8:30 AM

Mail to: Radio Club of Tacoma Box 11188 Tacoma, WA 98411

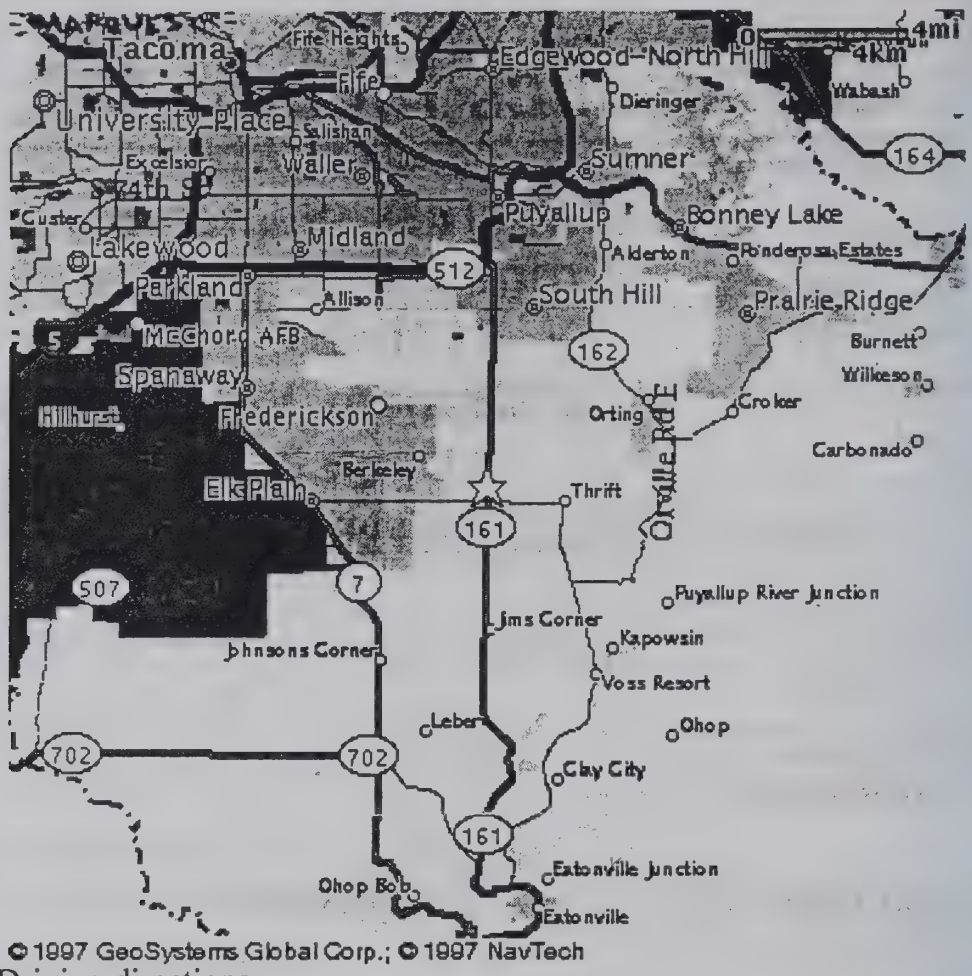
#	Description	$
	Non - Commercial Tables @ $20 each All Tables sold include one admission	
	Helper Admissions @ $5 each We reserve the right to limit the number of helpers	
	Commercial Booths @ $30 each includes 2 admissions	
	Total Enclosed =	

Name: _____
Call: _____
Address: _____
_____
City: _____
State: ____ Zip: _____
Phone: _____

Do you Need Power? YES NO

Reservations are First come First Served No Reservations will be Taken after Sept 1st. Tables will be available on site

FAST DIRECTIONS:
COMPLETE DIRECTIONS FROM ANY DIRECTION CAN BE GOTTEN FROM WWW.YAHOO.COM OR WWW.SWITCHBOARD.COM



Driving directions -

I5 Exit 127 - Highway 512... Go East 8.6 miles on Highway 512
South 7 miles on Meridian Ave E (Hwy 161)
Park is on right (west) side of Meridian

10/99

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma, WA 98411

NON PROFIT ORG.
U.S. POSTAGE
PAID
TACOMA, WA
PERMIT NO. 1078

RETURN SERVICE REQUESTED

COMING EVENTS



OCT 2 - Pinocle Potluck – 7 PM at the Clubhouse

OCT 6 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

OCT 9 – 10 - No-code Tech Class at the Clubhouse

OCT 12 - License Exams - 7 PM - Clubhouse

OCT 13 - Club Meeting - AT THE CLUB HOUSE, 7:30 PM
Program: How Electronics Aids in the Exploration and Maintenance of Wells,
Chandler Ellis, KC7EYZ

OCT 15 - BARK deadline (please be as on time as possible!)

OCT 27 - Club Meeting– Library Administration Center, 7:30 PM
Program: Alternate Sources of Power, Ralph Javins, N7KGA

- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- See page 3 for meeting program schedule. Check the weekly net for updates to the program schedule.

Watch out for the Trick-or-Treat-ers!

HAPPY HALLOWEEN!

October 1999

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 *BILL W9BYH **CALL JEAN KB7SVX & VOLUNTEER TO RUN FOR OFFICE** **253-840-3497**	2 **9:00 AM OPEN HOUSE** **7:00 PM PINOCHLE POTLUCK**
3 *BILL KD7ENB *FRANK W7YDS	4 **HALLOWEEN IS COMING**	5 **7:00 PM ARES NET 145.37R** **7:30 PM RCT NET 147.28R**	6 **7:30 PM RCT BOARD MTG**	7	8	9 **9:00 AM OPEN HOUSE**
10 *LYNN WB7ORM	11 *DEL KB7PKI **COLUMBUS DAY**	12 **7:00 PM ARES NET 145.37R** **7:00 PM RCT LICENSE EXAMS** **7:30 PM RCT NET 147.28R** *DONNA KC7ETT	13 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD *HERB KC7BAA **NOMINATIONS FINAL TONIGHT**	14 *DEL W7JG *ETHEL W7WLX *JESSICA KC7ZWM *MILTON CALL PEND	15 **BARK DEADLINE**	16 **9:00 AM OPEN HOUSE**
17 *SUSAN KC7AVS *TOM KC7UFX	18 *JILL K7JIL	19 **7:00 PM ARES NET 145.37R** **7:00 PM MVWS LICENSE EXAMS** **7:30 PM RCT NET 147.28R**	20 *DAVE N7WGB *DOUG KC7AZU *HARVEY W7RMI	21 **BALLOTS OUT–DON'T FORGET TO VOTE**	22 *CHUCK WY7V *DAWN KC7VZM *ROBIN KC7KXF	23 **9:00 AM OPEN HOUSE**
24 *JEAN KB7SVX *KERMIT W7PMR	25 *CLIFFORD KC7CLV	26 **7:00 PM ARES NET 145.37R** **7:30 PM RCT NET 147.28R**	27 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD	28	29 *ROGER WA7ANJ	30 **9:00 AM OPEN HOUSE**
31 **HAPPY HALLOWEEN** **STANDARD TIME CLOCKS FALL BACK**						

September 1999

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

November 1999

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXVI NR. 10 | W7DK | OCTOBER 1999

FROM THE PRESIDENT

The 1999 Radio Club of Tacoma fleamarket is history. I feel that we had a medium turn out for buyers and sellers. I heard a few good comments about the location, such as the nice open setting, parking and that with three different buildings it seamed quieter. As always there were the negative comments, like not knowing about the other buildings, traffic getting there, too spread out. All in all I feel that the fleamarket went well. I want to thank Chuck Souter, KA7HJN, for the great job that he did. The one thing that did disappoint me was that with over 300 members there were only about 25 that did all the work. What happened to the rest of you? Remember that the fleamarket is what helps keep your club house and repeater going. Next year I expect more members out helping. While I am on the subject of the fleamarket, we need a chairman or co-chairmen for next year. I want to see plans being made by November for our 2000 fleamarket. So step forward and let me know if you are interested.

Elections of club officers and board members is coming up soon. The first meeting in October is nominations and then in November will be the counting of ballots. I have asked Jean Treloar, KB7SVX, to head up the nominating committee. If you want to run for a position see Jean. Remember that there were by-law changes. Starting this year half of the positions will be for two years. The other half will be for one year and then next year they will start a two year term. I have appointed Tressie Hughes, KC7BAL, to head up the team to count the ballots. She will need two other people to help. Contact her if you would like to help.

David Dodd, WB7AUJ, has resigned from the RCT board effective 9-13-99. He is leaving on that date for the Philippines for three years to work. I will appoint a new board member by the next board meeting in Oct. to finish out the year.

Gary Martek, W7DO, is our new training coordinator. After talking to him I feel that he will do a fine job. If anyone wants to help teach classes let him know. Thanks for taking on the job.

A quick update on the club tower. We have the top back on with the bearing and the repeater antenna. The beam is back from the welder so it should be up by the first of Oct.

We have a silent key - Stan Warburton III, N7KMF. He was very active in ARES-RACES. I could always count on Stan for help when we were called out. He will be missed by all.

Till next month see you at the meetings.

Alan, KB7SVU

IN THIS ISSUE...

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▶ **ARRL NEWS - READ IT!** - Page 6

▶ **CONTEST CALENDAR** - Page 9

▶**FLEA MARKET EARLY REPORT** - Page 10

▶**VOLUNTEER TO ELMER** TODAY!

OCT. 13th Regular Meeting AT THE CLUB HOUSE

ON THE WEB **www.w7dk.org** Come see us!

RADIO CLUB OF TACOMA -- 1998

PRESIDENT	ALAN HUGHES	KB7SVU	840-4947
V PRESIDENT	MICK PIER	KK7QS	847-8223
SECRETARY	NORA SIMMONS	KC7JME	847-5124
TREASURER	CHUCK SOUTER	KA7HJN	863-2650
BOARD (5)	DAVID DODD	WB7AUJ	584-3620
	WORTH GURLEY	W7WG	582-3844
	MOREL GUYOT	W6LIX	838-5433
	GEORGE NOBLE	KK7FM	756-1127
	ED ROOT	KC7OKS	851-7463
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	ROGER TERWILLIGER	WA7ANJ	475-4293
	ROGER NACE	K8RN	209-5624
	DICK RYAN	W7RGD	627-0922
	JERRY SELIGMAN	W7BUN	845-7652
PHOTOGRAPHER			
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COMPOSITOR	KATHLEEN NACE	NØEYK	209-5624
PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call a club officer to pass on the word to the appropriate person(s).

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.28 / .88 MHz **144.97 - Packet**
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Mark Gray, KD7GJU RCT #2046
6420 158th Street Ct E
Puyallup, WA 98375-7410 253-536-1813
mmj_g@msn.com or mark.gray@pss.boeing.com

William Cunnyngham, KD7GEF RCT #2047
4151 Madrona Way N
Tacoma, WA 98407-5714 253-759-0769
kd7gef@hotmail.com

Reinstatements

Address/Phone Changes/Corrections

Mike Piechowski, KC7UFV
1025 Alameda Ave
Tacoma, WA 98466-6547 Phone unknown

Jill Stearns, K7JIL
3817 169th Street Ct E
Tacoma, WA 98446-2928 253-539-7772
LYLOKS4ME@aol.com

E-Mail Address Changes/Additions

Frank Palmer, KC7YEF
New e-mail is HAMTALKER@worldnet.att.net

Alan Allen, N7EAY
Correct e-mail is acallen100@aol.com

Ray Winter, KD7CZS
e-mail is kd7czs@juno.com

Chuck Hicks, WY7V
e-mail is chicks@gte.net

New Calls/Upgrades

Silent Keys

Newton Grimes, WN7L
Stanton Warburton III, N7KMF
Roy Richards, N7ARO (Club president, 1980)



ADDRESS CHANGES

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to Shirley, N7QHW, @ 253-265-3661.

COMING PROGRAMS AT RCT

OCTOBER 13TH - NOTE: MEETING AT THE CLUBHOUSE - How Electronics Aids in the Exploration and Maintenance of Wells. Chandler Ellis, KC7EYZ, will explain how electronic techniques are used. Some of the techniques used are: borehole geophysics, surface resistivity, seismic methods, and video inspection. Chandler is an RCT member and active in Amateur Television.

OCTOBER 27TH - Alternate Sources of Power - Ralph Javins, N7KGA, from Seattle, will discuss various types and applications of batteries, solar cell panels, windmills, water turbines, and voltage regulation for UHF, VHF, and HF equipment using alternative power sources. Ralph is active in King County ARES, Search and Rescue, and the Ski Patrol.

NOVEMBER 10TH - How Tesla coils can be used to demonstrate electrical resonance - A dramatic demonstration!

NOVEMBER 24th - FISTS - A group devoted to promoting CW

DECEMBER 8TH (RESCHEDULED) - Power-Line Noise and Cures. Jack Talmadge from Ridgefield (near Vancouver) will explain the causes of power line and other radio frequency interference, and what steps are needed to cure such interference. Jack is the RFI-TVI investigator for Puget Sound Energy (formerly Puget Power).

Your Ad Could Be Here!

Call, Shirley, N7QHW
at (253)265-3661 for info.

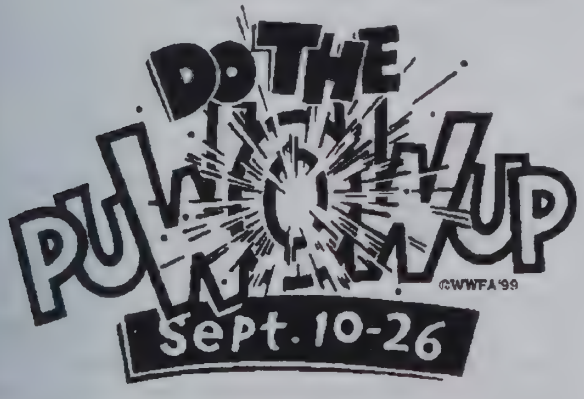
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(800) 585-8500

AJ7Y

DOUGLAS K. SMITH
Attorney at Law
102 Tacoma Mall Plaza
2702 South 42nd Street
Tacoma, Washington 98409

THANKS !!!



Thanks to everyone who helped us DO THE PUYALLUP! There will be a complete report in next month's BARK.

73, Shirley, N7QHW and Kathleen, N0EYK

PINOCLE



PINOCLE & POTLUCK
Saturday, October 2nd, 7 PM
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898

NEXT Regular Meeting

AT THE CLUB HOUSE



ARES/RACES

I had lots of positive comments about the reprinted article last month. It is true and real and please "Hams" take note, it just might happen to us. Prepare now.

So, how do we prepare? Check into the regular ARES (Amateur Radio Emergency Services) net each week on the 145.370 MHz repeater at 7:00 PM on each Tuesday. Volunteer to help on all of the public service events (i.e. walks, runs, bik-a-thons, searches and many other happenings that we are asked to provide communication support for so that they run smoother and truer. All of these things help us to be better trained to support a directed net and operations for the real emergency.

Do you have phone privileges for HF? The state EOC is located at Camp Murray (just south of Tacoma). Operators are needed. Volunteer by contacting Bob Tilley, KB7NBQ, or Jim, WA7PHD, on the 145.37 repeater. If you can't contact them, let Alan, KB7SVU, know and he will let them know.



N7QHW

Last but certainly not least, there is a special happening for the Y2K event on New Year's Eve. It was printed in detail in the August Bark and will appear again in the December Bark.

What is needed to participated? Next month a list of a kit of suggested supplies. Also needed is a valid Department of Emergency Management card. Ask Alan, KB7SVU, at 253-840-4947 or Shirley, N7QHW, at 253-265-3661 for a DEM application. The only caution I have about this is be patient. It is sometimes taking up to 6 months for the background checks. This is not because of bad backgrounds but due to a great deal of work backlog for the person doing the checks, so BE PATIENT. We have no control over this. In the meantime, what can you do? Volunteer as if you had a card and a number and don't let the lack of a DEM card stop you. It is OK to work without it.

Do you want to get involved? Simply contact Alan Hughes, KB7SVU, at 253-840-4947 and let him know.

Thanks for reading this and 73 Shirley

ANNOUNCEMENTS



SOMEONE HAS THEIR PACKET RADIO TUNED TO 147.88/28 voice repeater. The digital sound turns the repeater on many times a day. Please check the frequency of your packet transceiver.

MISSING: A pair of pole climbing spurs. Loaned to a club member and never returned. Please contact Jerry, W7BUN, if you're the borrower.

CABLE PURCHASE: A large purchase of RG-213 Mil. Spec coaxial cable is being planned. If you need coax, this will be at a special quantity price. Contact W7BUN for details.

LAST CHANCE TO SIGN UP!

ELECTRONIC THEORY CLASS: If there is ENOUGH interest, a complete electronics and radio theory course will be conducted at the clubhouse each Saturday morning for two and a half hours running from October through May. The course will start at "ground zero" and proceed all the way to digital electronics. This will be equivalent to two semesters of community college in basic electronics. As of this printing, there are only 4 signed up. Jerry needs a few more. Contact Jerry, W7BUN, @ 253-845-7652 to register.

TIME TO UPGRADE?

FREE GENERAL CLASS, ADVANCED CLASS OR EXTRA CLASS WORKSHOPS

If you are a Technician class, General class, or Advanced class licensee who would like to get on the upgrade path and need a little help, Jerry, W7BUN, offers workshops to assist you in passing the written exams. The ARRL License Manuals will be used as the study guides. If you are interested, please call Jerry, W7BUN, at 253-845-7652.

◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet and other sources.



W7BUN

FCC SETS SIGHTS ON BEEFED-UP 10-METER ENFORCEMENT

The FCC's Legal Adviser for Enforcement Riley Hollingsworth says hams can expect more rigorous enforcement on 10 meter issues next year. Over the Labor Day weekend, Hollingsworth told visitors to the Shelby Hamfest in North Carolina that the next area of enforcement would be the encroachment of unlicensed individuals into the 10-meter band and a crackdown on illegal RF amplifiers. His announcement drew loud applause from the Shelby crowd.

"We're coming on to ten months of rejuvenated amateur enforcement now, and two issues are clear--two areas we need to really crank up on next year," Hollingsworth said. "One is the incursion into 10 meters by unlicensed operators--CBers and so forth. The other is sales of illegal equipment on the Internet and at hamfests."

At Shelby, Hollingsworth told the crowd that he'd spotted more illegal equipment at Shelby that he'd seen last May at the Dayton Hamvention. At the Hamvention, FCC Field Office personnel from Detroit warned several vendors about potential violations involving RF amplifiers.

Hollingsworth also says his recent enforcement initiative aimed at call sign hoarders has met with some success. "I appreciate the people who have come in on their own and either turned in or trimmed down the number of club call signs that they had," he said this week. During a two-week period in late August, Hollingsworth said 43 call signs voluntarily were turned back to the FCC without any prompting.

NEW ADVICE FROM THE LEAGUE

Bookmark the ARRL Technical Information Service Web site, http://www.arrl.org/tis/. The older text-only screens have been brought into the 21st Century with a complete facelift. Among other things, users will find help in answering that age-old question: "What radio should I buy?" The new TIS Pages offer technical information on a variety of subjects that you can read or download. These include references, downloadable QST articles, Web links and more, on dozens of topics of interest to hams. New topics will be added on an ongoing basis.

FCC RELAXES RULES FOR SPREAD SPECTRUM

The FCC has relaxed rules governing the use of spread spectrum techniques by radio amateurs and opened the door to the possibility of international spread spectrum communication. The FCC adopted rules that will allow Amateur Radio stations to transmit additional spread spectrum emission types. Once the new rules become effective November 1, hams will be able to use techniques other than frequency hopping and direct sequence spreading. In addition, the new FCC rules will permit US hams to use spread spectrum techniques to communicate with amateurs in other countries that permit SS. Spread spectrum communication has been limited to stations within FCC jurisdiction.

ARRL TASK FORCE SEEKS PROPOSALS FOR FUTURE TECHNOLOGY

The ARRL Technology Task Force and the ARRL Technology Working Group wants to hear from hams with ideas and proposals for new technology to carry Amateur Radio into the next century. These groups will work hand-in-hand to identify, evaluate, and promote the most promising 21st Century technologies for Amateur Radio.

The Task Force invites information and concepts on a wide range of technologies with the potential to improve Amateur Radio and to promote what the FCC calls "continuation and extension of the amateur's proven ability to contribute to the advancement of the radio art." The Task Force invites the submission of ideas and proposals from all parts of the amateur community, and will use the input to help formulate League policy recommendations on a wide range of technical issues.

Amateurs are invited to contribute ideas by Email or US mail. Suggestions are requested by November 30, 1999.

AMATEUR RADIO "COMMUNITY SITE" eHAM.NET IS ON-LINE

Dubbed an Amateur Radio "community site," eHam.net debuted September 2 at http://www.eHam.net. "eHam.net can best be described as a community of ham radio operators from all over the world," said Bill Fisher, W4AN, one of the amateurs behind the new site. He says the site is--among other things--aimed at giving hams a place to share ideas through a chat program, as well as to contribute news, buy and sell, take practice exams, see equipment reviews, and get propagation information and DX spots.

eHam.net includes a call sign server. Users will be able to add an e-mail address, Web site address, personal biography, and picture. Search tools will allow users to find community members with the same ham radio interests. The site also includes an unlimited number of real-time chat rooms.

W2VU NAMED EDITOR OF CQ

Current CQ VHF Editor Richard Moseson, W2VU, has taken on additional duties as the new editor of CQ magazine. CQ announced Moseson's appointment Wednesday--six weeks after the death of long-time CQ Editor Alan M. Dorhoffer, K2EEK. Moseson's appointment was effective as of September 1.

THE PRICE OF VANITY

Vanity fee reminder: The fee to apply for a vanity call sign increases to $14, effective Tuesday, September 14. Issuance of vanity call signs has been disrupted by deployment of the Universal Licensing System. The FCC has not announced when it expects vanity call sign processing to resume.

NO WORD YET ON AMATEUR RESTRUCTURING

An FCC staff member says the Commission staff is "diligently working" towards getting a Report and Order on Amateur Radio license restructuring out the door. But beyond that, the FCC staffer said it was impossible to predict when that would happen. Rumors aside, the FCC official said that Commission rules prevent "revealing any information about internal thinking or scheduling" on the restructuring question.

A year ago, the FCC proposed phasing out the Novice and Technician Plus licenses, leaving just four amateur license classes in place--Technician, General, Advanced, and Extra. The Commission also asked the amateur community to express its opinions on Morse code requirements, but offered no specific recommendations of its own.

The previous month, the ARRL Board of Directors issued its own plan to restyle Amateur Radio. Among other details, the ARRL plan also called for four license classes and for "refarming" Novice/Tech Plus subbands to provide additional spectrum for higher-class operators. Under the League plan, the Technician license would remain unchanged, and the General would become the entry-level ticket for those interested in HF operation. The ARRL proposed Morse code requirements of 5 WPM for General and 12 WPM for Advanced and Extra class.

ULS SLOWLY SMOOTHING OUT AMATEUR SERVICE WRINKLES

Good news! The FCC has processed a backlog of several hundred applications--some dating back to early August--transmitted by those Volunteer Examiner Coordinators able to file with the new Universal Licensing System. More good news: It appears that the various ULS Public Access Transaction files--commonly called ZIP or update files--now are available. Web call sign servers use the ZIP files to post current Amateur Radio licensee data on their sites.

Many hams are relishing their new call signs or upgraded privileges granted since the processing logjam brought about by the ULS implementation in mid-August was cleared. Once the ULS is running smoothly, the FCC hopes to process applications nearly as soon as they are received, cutting the typical wait to just a few days.

VHF DX?

A new record? Paul Lieb, KH6HME, in BK29go (Mauna Loa volcano) reports working Clint Walker, W1LP/mm in DL51ce on 144 MHz SSB to claim a new world distance record of 4754 km (2954 miles). Signals reportedly peaked S1. W1LP had been hearing beacons for several hours prior to the contact. QST World Above 50 MHz Editor Emil Pocock, W3EP, explains that there is nothing official about DX records. "The recent contact between W1LP/mm and KH6HME is probably the longest two-way 144-MHz contact via tropospheric ducting anywhere in the world," he said. "This is a notable accomplishment

GOOD NEWS FOR ASPIRING SWEDISH HAMS

Sweden cuts top code speed, license classes: Sweden has cut its Morse code speed requirement from 12 to 5 WPM and reduced the number of license classes from four to two. The Class 1 license offers all Swedish amateur privileges and requires a 5 WPM CW test, while the Class 2 ticket is a no-code license for VHF/UHF operation only. In addition, Sweden reportedly has a new three-year nonrenewable "study license" that offers full--and unsupervised--VHF/UHF privileges. *(I suppose that the bad news is that the test is still in Swedish - Ed.)*

LEAGUE OPPOSES LA COUNTY EXPERIMENTAL VIDEO PROPOSAL

The ARRL has asked the FCC to deny an experimental license application by Los Angeles County, California, to develop a public safety video system on the 2.4 GHz band. The LA County proposal, filed August 9, seeks FCC authorization to develop an experimental system using four 10-MHz channels to transmit video images from helicopter-borne cameras to five remote receiving sites with active tracking antennas. The signals then would be retransmitted via terrestrial links to the public safety agencies involved.

In its objection, filed September 23 with the FCC the League called the LA County proposal a "foot in the door" toward gaining a permanent berth in the 2.4 GHz band. "It is obvious from the experimental proposal that the County wishes to construct the entire system and then simply stay there," the League said. The ARRL said the FCC should authorize nothing more than a single 10 MHz video channel for a single transmitter aboard a single helicopter, to allow interference studies to be conducted.

YOU ARE THE CENTER OF A WORLD MAP!

Sometimes it's difficult and time consuming to calculate beam headings when working stations in the Continental US and Caribbean. Mark Downing, WM7D, offers a service on his WM7D.net site at http://www.wm7d.net/azproj.shtml that, when you enter your coordinates, will draw a map centered on your QTH and superimpose a compass rose on it. Print the map on any printer--a color printer is best--and you're all set.



MEETING MINUTES

Radio Club of Tacoma
General Membership Meeting
25 August 1999

The meeting was called to order at 7:30 PM by Mick Pier, KK7QS. The flag salute was led by Chuck Souter, KA7HJN, and the introduction of everyone followed.

Classes: Gary Martek, W7DO, will be taking David Dodd's, WB7AUJ, place. He is planning on a no code Tech Class the weekend of October 9 and 10. Instructors are needed.

Jerry, W7BUN, is purchasing a large amount of RG 213 coax. Anyone who wishes to purchase 100 feet at $.36 a foot. Make out check to the Club.

Program: Jerry, W7BUN, presented a video on the History of The Japan Amateur Radio Satellite Program.

Packet: It is off the air. It is going in for repair.

Hints and Kinks: Jean, KB7SVX, and Al, KC7YGC, both showed a 2 M antenna they made.

The first General Meeting in October will be at the Clubhouse.

The meeting was adjourned at 8:30 PM.

Respectfully submitted,
Nora A. Simmons, KC7JME, Secretary
Radio Club of Tacoma



Radio Club of Tacoma
Board Meeting Minutes
1 Sept. 1999

The meeting was called to order at 7:30 PM by the President Alan Hughes, KB7SVU. The other Board Members present were Ed Root, KC7OKS, Morel Guyot, W6LIX, Mick Pier, KK7QS, David Dodd, WB7AUJ, George Noble, KK7FM, and Nora Simmons, KC7JME. The guest was Dawn Pier, KC7VZM.

Correspondence: None

Membership: 332

Education: Federal Way and the Mike & Key Radio Clubs are going to teach the No-Code Tech Class. Their cost will be $45.00, which will include the cost of the book. Our Club will be having a class in October and will be taught by Gary Martek, W7DO.

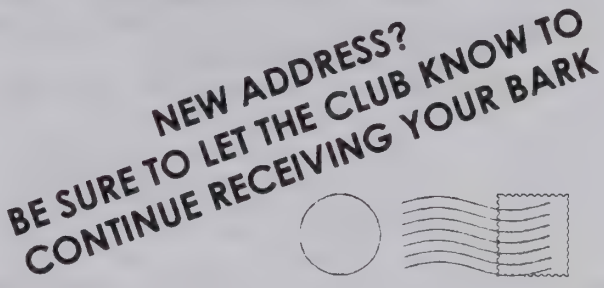
Old Business: Long Range Planning Committee, anyone interested in being on it should contact Alan, KB7SVU.

The Scout Jamboree will be in October. People are needed at the Clubhouse to show them how to operate the radios.

The rotor is waiting for parts.

The tower is back together and the repeater antenna is up.

The meeting was adjourned at 8:45 PM
Respectfully submitted,
Nora A. Simmons, KC7JME, Secretary
Radio Club of Tacoma
President, Alan Hughes, KB7SVU



Radio Club of Tacoma
General Membership Meeting
8 September 1999

The meeting was called to order at 7:30 PM by the President Alan Hughes, KB7SVU. The flag salute was led by Mick Pier, KK7QS, and the introduction of everyone present followed.

Membership: 335

Treasurer's Report:

Income	
Book Sales	$42.95
Field Day Donations	7.25
Coffee	11.78
Soft Drinks	3.95
Badge Sale	9.00
Member Dues	45.00
Donation	150.00
Refund on Bark Printing	96.35
Total July Income	$366.28
Expenses	
Rotor Repair	$21.68
Lawn Mower Gas	4.21
Web site	70.00
Total August Expenses	$95.89
Net Gain for month	$270.39

Program: UHF mountain topping. Jim Christiansen, K7ND, from Fox Island presented the program.

Nominating Committee: Jean Trelor, KB7SVX, is the chairman. The nominations are in October with the elections in November.

ARES: Volunteers are needed for New Year's Eve. Contact Alan, KB7SVU.

Alan, KB7SVU, has some 1999 Field Day pins for sale. The cost is $5.00.

The meeting adjourned at 8:35 PM.

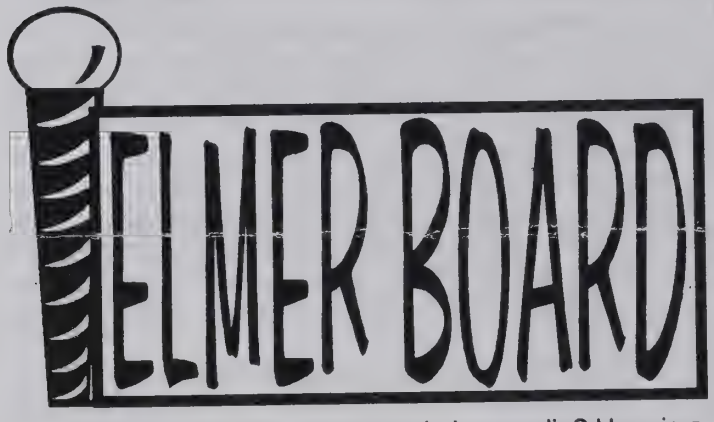
Respectfully submitted,
Nora A. Simmons, KC7JME, Secretary
Radio Club of Tacoma

AREA SWAP MEETS

...in the remainder of 1999...

October 9	North Kitsap Hamfest, Silverdale, WA
October 16	Gallatin Ham Radio Club, Bozeman, MT
October 17	Chehalis Valley ARS Hamfest, Chehalis
October 23	Swap-Toberfest, Rickreal, OR
October 30	Bellingham Fleamarket, Ferndale, WA
	...and in the year 2000...
March 11	Mike & Key Fleamarket, Puyallup, WA
Apr 8	Lilac City ARC, Spokane, WA
May 19-21	ARRL National Convention, Dayton, OH
June 1-4	NW Division Convention, SEAPAC, Seaside, OR

SCHEDULE YOUR SWAPMEET VISIT



Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members area their areas of interest.

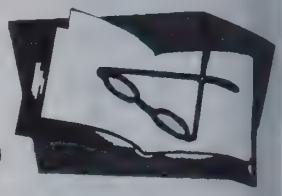
1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment

Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Roger, WA7ANJ	253-475-4293	1,7,8,11
Frank, AB7YZ	253-752-8520	2,3
Pete, KK7QW	253-984-7874	2

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the board!

Amateur Radio Exams

in the Puget Sound Region as of July, 1999



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Saturday - 1 PM - Boeing **Kent** Rec. Center, 22649 83rd Ave So, Room "C", - Contact Rick Antes, KF7VG, 425-277-2220, Des Moines

2nd Tuesday - 7:00 PM - Radio Club of* Tacoma *Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 360-456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Denny's Restaurant, #3 13100 48th So., Contact Mary Lewis, W7QGP, 206-523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771 Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 To bin Street - Contact Mike Dinkelman, N7WA, 253-854 4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, High way 2 - Contact Dave Axe, 360-793-2526, W7AGJ, Su tan

3rd Saturday - every 4th month - 9:30 AM - **Montesan** High School - Pearsall Center, 2109 Sumner Ave. Cor tact Nick Bender, NX7W, 360-249-4671, Montesano

3rd Saturday - 10 AM - **Shelton** - Shelton Airport - Contact Dick Bostrom, N7LD, 360-426-4627, Shelton

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Cer ter, 6400 36th Ave. West - Contact Dwayne Broderso KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Conta Jim Elliot, AA7OM, 360-456-5571, Olympia

4th Saturday - 10 AM - **Everett** - Everett Housing Authority 14th and Popular - Contact Loren Hole, KK7M, 425-33 5158, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Techn cal Bldg, Olympic College - Contact Walt Winter AA7TL, 360-692-8326, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 123 80th Ave East, Puyallup, WA 98373 - 253-845-7652



Editor's Notes

de NØEYK

E-Mail address:
kathleen@naceplace.com



Well, fall certainly fell with gusto!!! One day it was summer and then it was FALL! But the crisp clear days are very beautiful and our mountain sure has been glorious!

Thanks to everyone who helped with the flea market and the FAIR. Both events were successful. But, as always, we need to look ahead to next year (it WILL be here sooner than you think!) and begin planning NOW!

Our Elmer Board needs more volunteers willing to share time and knowledge with those in need. Sign up now!

Also remember the weekend no-code tech class October 9th and 10th. Helpers are always appreciated.

See you next month! Kathleen

RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.
SIZES Small through XL ARE $36, XXL ARE $40 AND XXXL ARE $43.00.
GET ONE NOW!
Call Shirley, N7QHW, at 253-265-3661, to order yours today!

Radio Club of Tacoma License Exams

OCTOBER 12, 1999

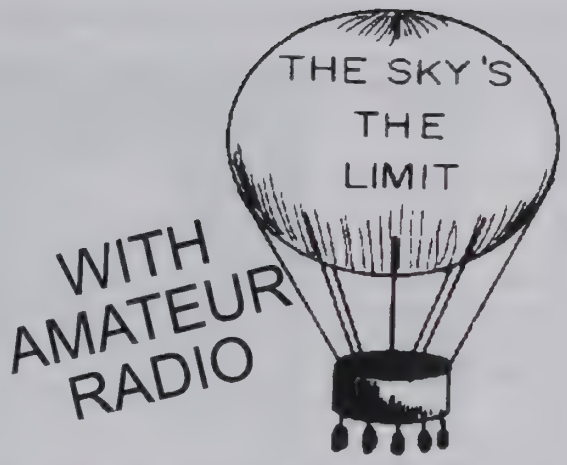
7 PM RCT Clubhouse

1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.45. For information call:
Shirley Murphy, N7QHW @ 253-265-3661

GENERAL MEMBERSHIP MEETING
OCTOBER 13th, 7:30 PM
AT THE CLUB HOUSE

OCTOBER CONTESTS



2-3
California QSO Party
TARA PSK 31 Rumble
VK/ZL/Oceania Contest, phone
RSGB 21/28 MHz Contest, phone

7-9
YLRL YL Anniversary Contest, CW

10
Ten-Ten Day Sprint

9-10
BARTG RTTY Sprint
FISTS CW Fall Sprint
Pennsylvania QSO Party
Two Meter Sidewinder Shootout

16-17
RSGB 21/28 MHz Contest CW
JARTS WW RTTY Contest
Illinois QSO Party
Asia-Pacific Sprint, CW
Worked All Germany Contest

21-23
YLRL YL Anniversary Contest, phone

23-24
Rhode Island QSO Party
QRP ARCI Fall QSO Party, CW

30-31
ARRL International EME Competition
CQ WW DX Contest, phone
Ten-Ten International Net Fall CW QSO Party

Want more info, check
www.arrl.org/contests

FLEA MARKET 1999

In one word... WONDERFUL !!!

We had a very successful flea market at Frontier Park. It will take a couple of weeks for all the bills to be settled, and the books finalized - but it is obvious we did very, very well. A complete report will be published in next month's BARK.

This was our first year at Frontier Park, and the first year for your chairman. There was a great deal of concern how we would do with a new site, new date, and new chairman - but things went very, very well.

We literally sold all available space, even the extra tables Alan Hughes squeezed in to accommodate late arrivals. After all tables were sold we sold space outside... We had almost 400 paid admissions.

The food booth did very well and added greatly to the bottom line.

We received many, many compliments on the site, and the food. The food was good and reasonably priced which left folks with a good feeling. Of course, there were a few complaints about the location but 99% of those who commented were positive about the site and expressed the hope we would be there next year. The vendors I spoke with seemed pleased with the attendance and their sales.



We had approximately 30 folks who worked on the Flea Market from the planning stages thru the clean up - with 300+ in the Radio Club of Tacoma I am confident more members will come forward to lend a hand next year - and we will do even better.

Some members may have stayed away, thinking because of their age or health there was "nothing" they could do. Not all of us can do the heavy lifting to set up tables and chairs, but there is a job for everyone !!! You can volunteer to work on security, stand at the doors and insure everyone has paid their admission - you can work at the talk in station, sell admission tickets, or work at the door prize table. There are many jobs for many different talents and abilities so plan now to do your bit in 2000.

A sincere Thank You to all those who supported the RCT Flea Market this year - your contribution insures the Club can continue to provide the services we all have grown to expect and enjoy.

Looking forward to an even bigger/better Flea Market in 2000 !!!

Thank You !

Chuck Souter, KA7HJN

Flea Market Chairman '99

THANK YOU!!!

SPECIAL EVENT STATIONS CELEBRATE 100 YEAR ANNIVERSARY

Special event DX from South Africa, ZS100ZAR and ZS100OVS for centenary commemorations of Anglo Boer War.

The Boers were the first in history to order two-way radio telegraph equipment for military purposes. To commemorate the war with the focus on the roll of communication during the war, special event stations will be active in the capitols of the two Boer Republics- Oranje Vrystaat (Orange Free State) and Zuid Afrikaansche Republiek: Bloemfontein and Pretoria, using the special event call signs: ZS100-OVS and ZS100ZAR respectively. The stations will initially be active over the period 7 to 13 October, including the date of the outbreak of the war 100 years ago.

QSL cards will be issued.

Frequencies to be used are:

80m: 3.640 MHz.

40m: 7.082 MHz.

20m: 14.160 MHz.

ZR6AXB Marius Swart.

MariusSw@intekom.co.za

NOTE FROM VIRGIL, K7VP

Kathleen - - -

Here is an e-mail that I received from Virgil Pattin - K7VP, about their soon-to-be new QTH. He still gets the Logger's Bark, and follows the club's activities. They were not able to come up here this summer, but hope to make it next year. Anyway, here is his note. Maybe you could fit it in somewhere.

He would LOVE to hear from any and all club members. His e-mail address is K7VP@flash.net. How do you like Joanne's call?! 73, Frank - W7FJB

Frank,

Here's the scoop on our new home. The new place will be a 4 bedroom, 2 bath mobile home on one acre, with no antenna restrictions. I will have a new tower and new radio to christen the place. I bought the tower from the club and will put a Pro 67B up at 60 feet and a new Pegasus on top. I should have the Henry working again by then, which should put in a bomb of a signal into Washington state. I did a great batch this weekend and the 50 watt station I have did a super job into WA. The move should happen around Thanksgiving. I will shoot some pictures and get them to you as soon as the work begins. Give my best to everyone in the Club. More later.

Virgil - K7VP & Joanne - K7XYL

K7VP@flash.net

(Thanks Frank...Ed.

ARRL MEMBERSHIP

If you haven't joined or rejoined the ARRL, please do so through the Radio Club of Tacoma! The ARRL is the major voice for Amateur Radio in the US and, besides providing a wealth of information to its members, they provide us with a voice in Washington to help protect the interests of all amateurs. Additionally, RCT is an ARRL Special Service Club and RCT needs to have at least 51% of its members belong to the ARRL to retain its Special Service Club status. See the Treasurer for application forms, and bring your ARRL renewal notices and rejoin through the club. The club receives a commission for each new or renewed membership sent through the club.



JOIN TODAY!

See our club treasurer for details.



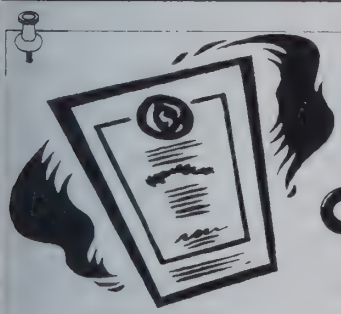
N7KMF

Stanton Warburton III, N7KMF, age 64, died September 2nd, 1999 in Tacoma, WA.. He was a member of the Radio Club of Tacoma (he had been club photographer for several years), the Landlord Tenant Organization, Northwest R/C Ship Modelers, and a lifetime member of the Masonic Cedar Lodge #104 F&AM of WA. He was an avid outdoorsman who enjoyed canoeing, kayaking and hiking. He was a ham radio enthusiast, was an active member of Pierce County Search and Rescue (ARES, RACES, MASS), and a certified diver. He will be missed most greatly for his kindness and spontaneity.

He is survived by his wife, Nana, N7OIX, 4 children and 8 grandchildren and others.

A memorial service was held on Saturday, September 11th, 1999. The family suggests memorials may be made in memory of Stan to the Radio Club of Tacoma.

(Taken from the Tacoma News Tribune, September 9, 1999. Ed.)

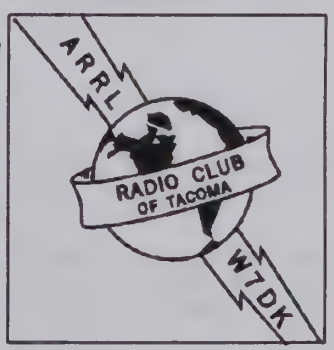


FIRST CONTACT AWARD

Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First Contact Award will be issued.

RADIO CLUB OF TACOMA

W7DK



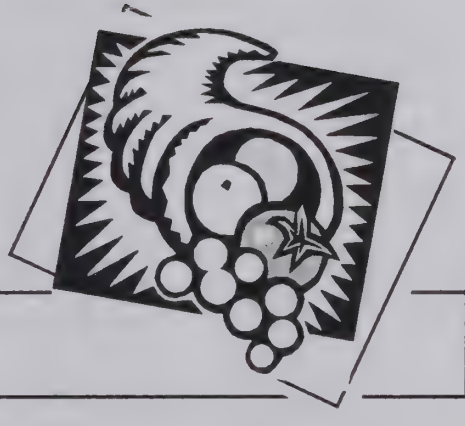
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COMING EVENTS



NOV 3 - **Board Meeting** - Clubhouse, 7:30 PM - All members welcome.

NOV 6 - Pinochle Potluck – 7 PM at the Clubhouse

NOV 9 - License Exams - 7 PM - Clubhouse

NOV 10 - Club Meeting - Library Administration Center, 7:30 PM
Program: Tesla Coils – Gary Douglas, KD7CZH, of Portland
Also election night! Last chance to get your ballot in

NOV 15 - BARK deadline (please be as on time as possible!)

NOV 24 - Club Meeting– Library Administration Center, 7:30 PM
Program: FISTS – CW anyone? Carroll Rusk, Jr, N7TRA,

- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- **See page 3 for meeting program schedule.** Check the weekly net for updates to the program schedule.

VOTE! MAKE YOUR VOICE HEARD!

BLESSED THANKSGIVING!

November 1999

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 *DEWEY W7HF YOUR VOTE COUNTS--PLEASE VOTE	2 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R *ART K7AML	3 7:30 PM RCT BOARD MTG *LUIS W7QS	4 *DEBBIE N7QPA	5 *DAVE KD7DOL *PETER KC7IBI *RALPH KB7SWZ	6  9:00 AM OPEN HOUSE 7:00 PM PINOCHLE POTLUCK ARRL CW SWEEPSTAKES
7 *ROBERT KA7FHM ARRL CW SWEEPSTAKES  NEW MOON	8  IT'S GOBBLER TIME SOON	9 7:00 PM ARES NET 145.37R 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R	10 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD BALLOTS COUNTED TONIGHT AT MEETING	11 FALL ALL-BAND VHF SPRINT	12	13  9:00 AM OPEN HOUSE *CLIFTON W7MFG WORKED ALL EUROPE RTTY CONTEST
14 *JASON KC7QHL WORKED ALL EUROPE RTTY CONTEST	15  BARK DEADLINE	16 7:00 PM ARES NET 145.37R 7:00 PM MVWS LICENSE EXAMS 7:30 PM RCT NET 147.28R *RUTH N7WGF	17 *BILL W7GPR *DONALD N7OTV	18 *WILLIE KA7NXK	19 ARRL PHONE SWEEPSTAKES	20  9:00 AM OPEN HOUSE *MARTHA KC7VUJ ARRL PHONE SWEEPSTAKES
21 *JEFF K7JF *KATHY N7DVS ARRL PHONE SWEEPSTAKES	22	23 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R  FULL MOON	24 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD *ALAN KB7SVU *PAUL N7EPH	25  HAPPY THANKS-GIVING	26 *ANDREW W7RW *JOE WA7BLE *JOHNNY KJ7M	27  9:00 AM OPEN HOUSE *CLARENCE NU7K
28  27 SHOPPING DAYS TILL XMAS	29 *JACK W7IMW	30 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R				

October 1999

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December 1999

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THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXVI NR. 11 | W7DK | NOVEMBER 1999

FROM THE PRESIDENT

Y2K ARE WE READY?

By the time you read this there will be less than 60 days till the year 2000. I hope that nothing happens as is predicted, but to be on the safe side I hope that everyone is getting prepared. Not only do we have to worry about Y2K but from what I have been told by DEM and other sources we are in for a very wet winter. This means snow with power outages and flooding. So you keep your HT batters charged, have extra food and water, have alternate heat and light? Are you ready to help out your county with emergency communication? Remember that a part of Amateur Radio is emergency communications. Part of the Radio Club of Tacoma standing rules is " The club will provide emergency powered communications equipment for training club members to operate under emergency conditions. On Sat. November 13, 1999, there will be a training session for emergency communications and what part amateur radio will play in Y2K. Please set this date aside and be there. Be a responsible Amateur Radio operator and volunteer when needed.

The club is in need of someone to be the chairman of next year's flea market. By filling the position now it will give the person more time to plan out the event. Both Mick and I feel that the flea market chairman and field day chairman should be on going. Jerry, W7BUN, has volunteered to be next year's field day chairman.

I would like to thank Gary and all the people who helped teach the no-code technician class. It sounds like they did a great job Keep up the good work.

I guess that is all for this month, I will keep it short. Good luck to those running for office.

73, Alan

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▶ CONTEST CALENDAR - Page 10

▶FLEA MARKET & FAIR REPORTS - Page 11

▶VOLUNTEER TO ELMER TODAY!

VOTE!

RENEW YOUR MEMBERSHIP NOW!

Please fill out the member application and return to the club tresurer with your dues.

THANKS!

ON THE WEB www.w7dk.org

Come see us!

RADIO CLUB OF TACOMA -- 1998

PRESIDENT	ALAN HUGHES	KB7SVU	840-4947
V PRESIDENT	MICK PIER	KK7QS	847-8223
SECRETARY	NORA SIMMONS	KC7JME	847-5124
TREASURER	CHUCK SOUTER	KA7HJN	863-2650
BOARD (5)	DAVID DODD	WB7AUJ	584-3620
	WORTH GURLEY	W7WG	582-3844
	MOREL GUYOT	W6LIX	838-5433
	GEORGE NOBLE	KK7FM	756-1127
	ED ROOT	KC7OKS	851-7463
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COMPOSITOR	KATHLEEN NACE	NØEYK	209-5624
PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call a club officer to pass on the word to the appropriate person(s).

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.28 / .88 MHz **144.97 - Packet**
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Milton Loflin, KD7GUD RCT #2048
PO Box 237
Milton, WA 98354-0237 253-922-6998
milton@nwrain.net

William A Jonez, KD7GOR RCT # 2049
5314 N Lexington St
Tacoma, WA 98407-2253 253-752-9284
wjonez@mindspring.com

Reinstatements

Address/Phone Changes/Corrections

T Lynn Neece, KB6OKS Phone is 253-853-5973

Donald R Peterson, KD7DON
PMB 8 6622 Eastside Dr NE
Tacoma, WA 98422-1173 Phone same

Chris Meagher, KC7YEJ
PO Box 7657
Tacoma, WA 98407-0657 Phone same

E-Mail Address Changes/Additions

Al Churchill, KC7YGC
e-mail is kc7ygc@juno.com (no attachments) or
kc7ygc@wa.freei.net (will accept attachments)

Alan Allen, N7EAY
Correct e-mail to acallen1000@aol.com

New Calls/Upgrades

Silent Keys

Howard Young, N7RHM



ADDRESS CHANGES

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to Shirley, N7QHW, @ 253-265-3661.

COMING PROGRAMS AT RCT

NOVEMBER 10TH - How Tesla coils can be used to demonstrate electrical resonance - A dramatic demonstration by Gary Douglas, KD7CZH, of Portland. Gary teaches for the National Electrical Contractors Association at the Portland training center of the International Brotherhood of Electrical Workers. Be sure to attend and watch the sparks fly!

NOVEMBER 24th - FISTS - A group devoted to preservation of Morse code. Whether or not you're a CW enthusiast, you should become familiar with FISTS, a worldwide group that encourages newcomers to use CW by assigning them an experienced "code buddy", promotes friendship amongst members, and believes that accuracy transcends speed. Carroll Rusk, Jr, N7TRA, will present the program. Carroll is a judge on the Washington Board of Industrial Insurance Appeals.

DECEMBER 8TH (RESCHEDULED) - Power Line Noise and Cures. Jack Talmadge from Ridgefield (near Vancouver) will explain the causes of power line and other radio frequency interference, and what steps are needed to cure such interference. Jack is an RFI-TVI consultant who does contract work for electric power companies.

DECEMBER 22ND - NO MEETING. MERRY CHRISTMAS!

Your Ad Could Be Here!

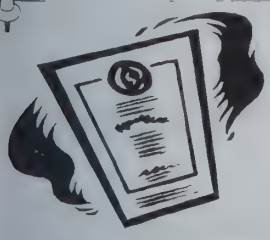
Call, Shirley, N7QHW
at (253)265-3661 for info.

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LAW OFFICES OF
DOUGLAS K. SMITH, P.S.

(206) 471-1000
(800) 585-8500

AJ7Y

DOUGLAS K. SMITH
Attorney at Law
102 Tacoma Mall Plaza
2702 South 42nd Street
Tacoma, Washington 98409



FIRST CONTACT AWARD

Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First Contact Award will be issued.

PINOCHLE



PINOCHLE & POTLUCK
Saturday, November 6th, 7 PM
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898

◈ News from the ARRL ◈

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet and other sources.



W7BUN

PHASE 3D GETTING FINAL INSPECTION

Phase 3D Project Leader Karl Meinzer, DJ4ZC, and a delegation from AMSAT-DL are at the Phase 3D Integration Laboratory in Orlando this week, giving the satellite a final once-over. "So far, everything is proceeding smoothly," said AMSAT-NA President Keith Baker, KB1SF. He said the German team is putting P3D through its paces as a final checkout prior to shipping the satellite to the launch site at Kourou in French Guiana at month's end. A contract accepting Phase 3D as a payload for the "first suitable" Arianespace Ariane 5 vehicle launch was signed October 5. Meinzer said a launch opportunity could come during the first half of next year.

ISS FLIGHTS RESET

NASA now says the space shuttle Atlantis flight--mission STS-101--that will carry the initial Amateur Radio gear into space for the International Space Station will launch no earlier than February 10, 2000. The flight transporting the VHF and UHF hand-held transceivers and associated antennas and accessories to the ISS had been scheduled to launch in December. NASA imposed a shuttle launch hiatus to perform electrical inspections of the entire shuttle fleet, however, disrupting the launch schedule. The inspections came in the wake of problems during the July launch of the shuttle Columbia, when astronauts and ground controllers struggled with power failures in computers controlling two of the orbiter's three main engines.

AMATEUR RADIO SHOWS SLOW GROWTH

According to Amateur Radio census statistics cited in the October 15, 1999, W5YI Report, US licensee growth has nearly stalled overall during the past year. The W5YI numbers--which exclude hams whose licenses have expired but remain within the two-year grace period--show 675,739 US licensees as of September 30, 1999. While that's up by more than 3000 hams over the same month in 1998, the number represents less than one-half percent growth.

HURRICANE WATCH NET GETS SURPRISE CHECK-IN

The Hurricane Watch Net got a surprise check-in October 20 as it activated on 14.325 MHz to track the course of Hurricane Jose. "Riley Hollingsworth checked in to tell us that they were monitoring and would handle any interference problems," said Hurricane Watch Net Manager Jerry Herman, N3BDW. "Needless to say, the little bit of interference we were getting almost immediately ceased. His call sign and his presence on frequency had a positive effect." Hollingsworth--who's K4ZDH--was equally impressed. "Those guys did a wonderful job," he said. "I was very impressed and very proud!"

VANITY WEBSITE

Amateur vanity call sign site debuts: A new site devoted to vanity call signs has appeared at http://www.carroll-usa.com/vanity/. Among other things, the site lets users find out if a call sign already has been submitted to the FCC, lists soon-to-be-available call signs, and includes a list of "creative" call signs. Michael E. Carroll, AA4BP, Huntsville, Alabama, is the Webmaster.

SOLAR MAX

Solar physicist David Hathaway at the Marshall Space Flight Center says he expects the current solar cycle to peak by mid-2000. "The projected peak is comparable to, but lower than the peaks of the last two maxima--1989 and 1978," Hathaway says.

NEW WEST CENTRAL FLORIDA SECTION EFFECTIVE JANUARY 15, 2000

Getting a clean sweep for the ARRL November Sweepstakes will get a little harder next year starting January 15, 2000. The ARRL Board of Directors has voted to approve a resolution to create a new West Central Florida section.

CQ WAZ AWARD MANAGER JAMES L. DIONNE, K1MEM, SK

CQ Worked All Zones Program Manager and well-known lowband DXer Jim Dionne, K1MEM, of Sudbury, Massachusetts, died October 12, 1999. He was 51 and had been in ill health for some time.

FCC REORGANIZATION COULD MEAN BETTER HAM ENFORCEMENT

Congressional oversight committees this week approved funding to create two new FCC bureaus--Enforcement and Public Information, and Legal Adviser for Enforcement Riley Hollingsworth, K4ZDH, says Amateur Radio enforcement could improve under the new regime. Ama

eur Radio enforcement--now under Hollingsworth in the Compliance and Information Bureau--will be consolidated under the new Enforcement Bureau. Heading the Enforcement Bureau will be FCC Deputy General Counsel David Solomon. Hollingsworth will get a new title out of the deal. Once the new bureau is established--probably by month's end--he'll become Special Counsel for Amateur Radio Enforcement. Current Compliance and Information Bureau Chief Richard Lee has been tapped to lead the new Public Information Bureau.

RICK PALM, K1CE, TO LEAVE ARRL HQ STAFF

ARRL Field Services Manager Rick Palm, K1CE, will leave the Headquarters staff effective November 10. Palm and his wife Joanne, W1GUN, are moving to Florida to be closer to her family. "I'm leaving League Headquarters with nothing but good feelings and memories," said Palm, who met his wife at the League in 1980 when she worked as a secretary in the former Communications Department. Palm, 45, characterized his move south as "semi-retirement" and said he looks forward to continuing to serve the League as a volunteer.

Before departing, Palm and Educational Services Manager Rosalie White, WA1STO, will make sure that everything is in place to ensure continuity of support for the Field Organization. White is a 17-year veteran of the Headquarters staff with a proven track record of working with ARRL volunteers and federal agencies, especially NASA on the SAREX and current International Space Station programs. In the late 1970s, she served as Club and Training Department Manager.

ARRL ADOPTS CABRILLO FILE FORMAT FOR CONTESTS

The ARRL Contest Branch has announced that it's adopting a new standard electronic file format known as Cabrillo for all ARRL Contests. Starting with the 1999 ARRL November Sweepstakes, the Cabrillo V2.0 file format will be the standard file format at the ARRL for electronic submissions. Previously acceptable file formats for ARRL contests may be submitted during a one-year transition period, however.

The Cabrillo format standardizes the QSO information that appears in each data column. Details on the format appear in the "General Rules for all ARRL Contests" in the November 1999 issue of QST. Specifications for the Cabrillo file format also are available on-line at http://www.kkn.net/~trey/cabrillo/. In addition to the file specifications, there are sample templates for various ARRL contests, a history of any modifications to the format, and some insight into the development of the Cabrillo file format.

ARRL MEMBERSHIP

If you haven't joined or rejoined the ARRL, please do so through the Radio Club of Tacoma! The ARRL is the major voice for Amateur Radio in the US and, besides providing a wealth of information to its members, they provide us with a voice in Washington to help protect the interests of all amateurs. Additionally, RCT is an ARRL Special Service Club and RCT needs to have at least 51% of its members belong to the ARRL to retain its Special Service Club status. See the Treasurer for application forms, and bring your ARRL renewal notices and rejoin through the club. The club receives a commission for each new or renewed membership sent through the club.

JOIN TODAY!

See our club treasurer for details.



Our condolences to
Roger Terwilliger, WA7ANJ,
current past president
of the Radio Club of Tacoma,
and his family on the passing of
his wife Bobbie
on Sunday, October 24, 1999.
Our prayers and thoughts
are with you, Roger.



MEETING MINUTES

Radio Club of Tacoma
General Membership Meeting
22 September 1999

The meeting was called to order at 7:30 PM. by the President Alan Hughes, KB7SVU. The flag salute was led by Mick Pier, KK7QS, and the introduction of everyone attending followed.

Correspondence: None

Committees:

Flea Market: It was a great success, thank-you to everyone who helped. There was a profit of $3,877.93.

Training: Gary,W7DO, passed out flyers for the classes in October.

Jerry, W7BUN, will hold a winter-long complete electronics theory class if enough people sign-up. It will be held on Saturdays at the Clubhouse.

The Federal Way Radio Club is looking for instructors to teach their classes.

Program: Jerry, W7BUN, presented a video tape on the SAREX program. It showed students talking to the astronauts on the space shuttle. It was an interesting program.

The meeting adjourned at 8:45 PM.

Respectfully submitted,
Nora A. Simmons, KC7JME, Secretary
Radio Club of Tacoma



Radio Club of Tacoma
Board Meeting Minutes
6 October 1999

The meeting was called to order at 7:30 PM by the President Alan Hughes, KB7SVU. The other Board Members attending were Ed Root, KC7OKS, George Noble, KK7FM, Mick Pier, KK7QS, Worth Gurley, W7WG, Morel Guyot, W6LIX, Al Burleson, K7HW, and Nora Simmons, KC7JME. Guests were Rich Manson, N7AN,F and Mac Parks, W6NBD.

A Motion was made and seconded the September Board Meeting Minutes were approved as published.

Treasurer's Report:

INCOME	
Dues	$ 671.50
Book Sales	53.00
Field Day	30.77
Donations	0.00
Coffee	13.47
Coax Pre Sale	2,498.00
Bark Subscription	7.00
X-Fer from savings	1,000.00
Badge Sale	9.00
Total Sept. Income	$4,282.74
EXPENSES	
Phone (two months)	$137.61
Clubhouse Repairs (Emerg. Elect. Panel)	260.16
Utilities	
Storm Drainage	51.06
Sewer	22.44
Electric	85.13
Water	16.06
Trash Pick Up	46.40
Bulk Mailing (2)	200.00
Office Supplies	10.84
Training	27.10
Bark Copies	240.00
Postage	2.75
Tower Repairs	16.13
Fair Booth	50.34
Purchase of Coax	2,498.00
Total Sept. Expenses	$ 3,664.02
Net gain for month	$618.72

The Board received a letter of resignation from David Dodd, WB7AUJ. Al Burleson, K7HW, was appointed to take his place for the remainder of the year.

A motion was made and seconded to purchase 100 feet of coax hard line for the 440 repeater from Al Burleson, K7HW, at $0.50 a foot. The 440 repeater will be put downstairs at the club house.

New Business: Outside lights, one on the back of the club house and the one on the south side, need to be fixed. The ramp needs repair and the northeast corner of the roof has dry rot.

A chairman is needed for the commemoration of the 20th Anniversary of the eruption of Mt. St. Helens. The event will be dedicated to Stan Warburton, N7KMF.

Rich Manson, N7ANF, volunteered to get the Christmas party together.

Museum: Mac, W6NBD, Morel, W6LIX, and Worth, W7WG, have been invited to North Kitsap again. Worth, W7WG, is going to write an article for the BARK on the Museum.

For the Good of the Order: Anyone who has any suggestions on get-togethers other than the meetings for Club Members, contact a Board Member or the President. Create a demonstration of Amateur Radio at area schools.

The meeting was adjourned at 8:30 PM
Respectfully Submitted By
Nora A. Simmons, KC7JME, Secretary, RCT
Alan Hughes, KB7SVU, President

Radio Club of Tacoma
General Membership Meeting
13 October 1999

The meeting was called to order at 7:30 PM by the President Alan Hughes, KB7SVU and he also led the flag salute. The introduction of everyone attending followed.

Nominations: The Chairman Jean Trelor, KB7SVX, presented the following names:

President:
Alan Hughes, KB7SVU
Mick Pier, KK7QS

Vice President:
Morel Guyot, W6LIX

Secretary:
Ed Root, KC7OKS

Treasurer:
Chuck Souter, KA7HJN

Board Members:
Al Burelson K7HW
Gary Breivk, N7GWC
Al Churchill, KC7YGC
Worth Gurley, W7WG
Rich Manson, N7ANF
George Noble, KK7FM

Tom Murphy, N7QHX, made a motion the nominations be closed it was seconded by Jerry Seligman, W7BUN. The motion passed.

Training: The recent class had 19 students, 12 passed Tech and 1 passed Novice and 3 are going to test at Maple Valley.

Flea Market: A Chairman is needed for next year. Jerry, W7BUN, agreed to be Chairman for next year.

Puyallup Fair Booth: Shirley, N7QHW, thanked everyone who participated. She would like for someone to take over as Chairman.

Correspondence: A letter and a Certificate was received from the Puyallup Fair thanking Shirley and the Radio Club for participating in the Hobby Hall. Correspondence from ICOM, telling us a position of Technical Customer Service Representative is available. The description and requirements for the job is posted at the clubhouse.

Classes: Jerry, W7BUN, will start General, Extra and Advance classes as soon as six people sign up.

Program: It was presented by Chandler Ellis, KC7EYZ, on how Electronics Aids in the Exploration and Maintenance of Wells.

Christmas Banquet: The annual Christmas potluck will be held at the TACID Building on December 10th from 6 to 8 PM. Contact Rich Manson, N7ANF.

For the Good of the Order:

Mack Parks, W6NBD, will start sending code Monday thru Friday at 8:00 PM on 147.380. The use of the frequency was approved by the Board.

Shirley,N7QHW will be taking orders for Club Jackets.

The meeting was adjourned at 8:30 PM.

Respectfully submitted,
Nora A. Simmons, KC7JME, Secretary
Radio Club of Tacoma

DONATIONS

These individuals have donated items to the club and we need to send along a BIG THANK YOU to them for their generosity.

LLOYD P. SHALLENBERGER, WB7WPQ

KEN WARTER

ANGELA ALLEN

GEORGE B. HUTCHISON

JACK ADAMS, KB7DHP

FRANK & DORIS EMIGH

de Al Churchill, KC7YGC, RCT equipment custodian

Thank You!

ANNOUNCEMENTS



Make plans to attend the **Christmas Potluck** on Dec. 10th from 6 PM until 8 PM at the TACID Building on So. 19th Street. Call Rich, N7ANF, at 253-474-8883 or catch him on the repeater to find out how you can help or what you might bring...

Want to upgrade ypur license and utilize more frequencies? Jerry, W7BUN, can get you on the path by helping with the "book learnin'" part of the exam. Call him at 253-845-7652 if you want to take that next step. When he gets at least 6 folks signed up for General, Advanced, or Extra workshops, he will make it happen with your help. His classes really work! JUST DO IT!



ARES/RACES

Remember to check your Department of Emergency Management(DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Alan, Bob or Shirley(info at the end of the article).

Alan, KB7SVU, has asked me to include the following article in our bark newsletter. This was published in the ARRL FIELD FORUM and is very good information.

10 Ways to Optimize Your Effectiveness in Public Service Events

1 Make sure your radio is in top operating condition. Small problems (such as loose antenna connections, bad microphones, intermittent operation, etc.) may be just annoying during casual operation, but WILL cause major grief under the continuous/severe service of net/emergency operation. If your radio's not in 100% top shape, buy, beg or borrow one.

2 Don't operate your handheld with it hanging on your belt. Using the radio while it's strapped to your waist reduces your effective radiated power by more than 10 dB. That's a 90% reduction in power! Hold the radio in your hand, with the antenna in the clear.

3 Regarding antennas, those 3" rubber dummy loads may be cute, but you're throwing away 3-6 dB of power when using one. (If you're really into math, compute the loss of a 3" rubber dummy load used on a beltclip). A telescoping half-wave has a gain of as much as 10 dB over a 3' rubber duck and a quarter-wave provides a 4-6 dB improvement. Even a 12-15' rubber duck will boost your signal by 3-6 dB over the 3' ones. Remember that one dB can mean the difference in whether or not a critical message gets through.

4 Have charged batteries and spare battery packs! If you also have a dry cell battery case, fill it with alkaline batteries. Make sure you have enough batteries with you to carry you through, even on high power.

5 Use headphones or an earphone rather than a speaker/mike. Most earphones will plug directly into your HT. Low cost stereo headphones are widely available and will work perfectly with your HT using a mono to stereo adapter. The headphones also have the advantage of concentrating the communications in your ears, while partially shutting out the outside noise. Headphones will also prolong battery life by allowing the radio to operate at lower audio output. A speaker/mike is the worst thing you can use--it doesn't cut the outside noise, it doesn't save batteries, and where is that HT while you're using the speaker/mike??(Hint--see #2!)



N7QHW

6 Speak slowly and clearly when transmitting! You may take pride in your ability to run your words together and mumble, but the station on the other end may be in a noisy environment and may not receive your message.

7 Check out your ability to use simplex. Even if the operation is being conducted on a repeater, there may be "dead spots," the repeater may go down, or, sad to say, there may be jamming. Even if you can only work the two or three stations closest to you, a message can still be relayed. To maximize your simplex range, please re-read #2 and #3.

8 Listen to net control and direct all communication through him/her. Identify your station when calling net control and keep all communications direct and to the point.

9 If you must leave the radio or the area to which you have been assigned, first seek permission and acknowledgment from the net control station, make your "time off" as short as possible, and check back in with NCS immediately upon your return.

10 Project a good image to the non-hams around you that are part of the event/emergency. This means acting professionally, using basic hygiene skills, etc.

I apologize for not having the list of articles for your readiness bag but will try to accomplish that next month.

Do you want to get involved? Simply contact Alan Hughes, KB7SVU at 253-840-4947 and let him know.

Thanks for reading this and 73, Shirley, N7QHW

TIME TO UPGRADE?

FREE GENERAL CLASS, ADVANCED CLASS OR EXTRA CLASS WORKSHOPS

If you are a Technician class, General class, or Advanced class licensee who would like to get on the upgrade path and need a little help, Jerry, W7BUN, offers workshops to assist you in passing the written exams. The ARRL License Manuals will be used as the study guides. If you are interested, please call Jerry, W7BUN, at 253-845-7652.

AREA SWAP MEETS

...and in the year 2000...

larch 11	Mike & Key Fleamarket, Puyallup, WA
pr 8	Lilac City ARC, Spokane, WA
lay 19-21	ARRL National Convention, Dayton, OH
une 1-4	NW Division Convention, SEAPAC, Seaside, OR

CHEDULE YOUR SWAPMEET VISIT

ELMER BOARD

o you need help with some area in ham radio? Here is a lace to start... First is the listing of areas of support, fol-lwed by a list of members area their areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment

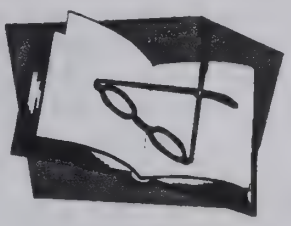
ame/Call Sign	Phone Number	Help with topic
erry, W7BUN	253-845-7652	1,4,6,9,10
an, KB7SVU	253-840-4947	4,5,10
ank, AB7YZ	253-752-8520	2,3
ete, KK7QW	253-984-7874	2

you are willing to share your time and knowledge with ewbees" and others, let us know and get on the board!

Ed. Note – We need more volunteers on the mer board. Please add your name to the list!)

Amateur Radio Exams

in the Puget Sound Region as of November, 1999



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Thursday - 7:00 PM, **Bonney Lake** Library,18501 90th St East – Contact Roxann Holwege, AB7HO, at 253-862-8905

1st Saturday - 1 PM - Boeing **Kent** Rec. Center, 22649 83rd Ave So, Room "C", - Contact Rick Antes, KF7VG, 425-277-2220, Des Moines

2nd Tuesday - 7:00 PM - Radio Club of* Tacoma *Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 360-456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Denny's Restaurant, #3 13100 48th So., Contact Mary Lewis, W7QGP, 206-523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 Tobin Street - Contact Mike Dinkelman, N7WA, 253-854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 360-793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

3rd Saturday - 10 AM - **Shelton** - Shelton Airport - Contact - Dick Bostrom, N7LD, 360-426-4627, Shelton

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 360-456-5571, Olympia

4th Saturday - 10 AM - **Everett** - Everett Housing Authority - 14th and Popular - Contact Loren Hole, KK7M, 425-335-5158, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Walt Winters, AA7TL, 360-692-8326, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - 253-845-7652

Editor's Notes

de NØEYK

E-Mail address:
kathleen@naceplace.com



We certainly have been having some glorious weather. We went out to Ocean Shores for a week and had some beautiful kite flying weather!

RCT elections are happening now! So get those ballots filled out and in the mail, postmarked in time to reach the club mailbox by Nov. 10th. Make your voice heard.

Make plans to attend the annual Christmas celebration.

Our Elmer Board needs more volunteers willing to share time and knowledge with those in need. Sign up now!

See you next month! Kathleen

RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.
SIZES Small through XL ARE $36, XXL ARE $40 AND XXXL ARE $43.00.
GET ONE NOW!
Call Shirley, N7QHW, at 253-265-3661, to order yours today!

Radio Club of Tacoma License Exams

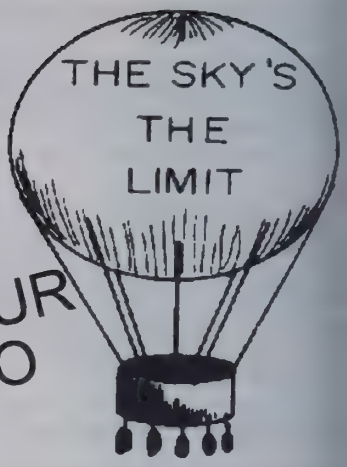
NOVEMBER 9, 1999

7 PM RCT Clubhouse

1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.45. For information call:
Shirley Murphy, N7QHW @ 253-265-3661

OCTOBER CONTESTS



6-8
ARRL November Sweepstakes, CW
Sixth Annual North American Collegiate ARC Championship, CW
IPA Contest, Phone and CW

11
Fall All-Band VHF Sprint

13-14
Worked All Europe Contest, RTTY
Japan International DX Contest, phone
OK/OM DX Contest

19-22
Six-Meter Annual Winter DX Contest
LI/NJ-QRP Doghouse Operation Sprint
ARRL November Sweepstakes, Phone
Sixth Annual North American Collegiate ARC Championship, phone
LZ DX Contest, CW

27-28
CQ WW DX Contest, CW

Want more info, check
www.arrl.org/contests

RADIO CLUB OF TACOMA

W7DK



THANK YOU!! THANK YOU!! THANK YOU!!

The fair ended on the 26th of September after its rmal 17 day run. Our booth was again a great success m the overall display to the folks who manned the oth and talked to all those people about amateur radio. e technician class is now history that you promoted ring the fair and it was once again a resounding suc- ss. So a job well done on both sides of the fence.

The booth was designed by Kathleen Nace, ØEYK, who also donated a generous portion of the anual labor to see it to its final stages. In addition to thleen, Dick Strong, KB6PWR; Edith Strong, B7KSY; Roger Nace, K8RN and myself did what we uld to help. Dick took the controls and retrieved the dios from ICOM, kept them working and returned them er the fair. Thank you Dick! Dick, Roger and myself ed to manage all of you, which turned out to be a very ht job. Thanks for being there when you said you uld be, it really makes a big difference when you know e booth is and will be covered. Last but certainly not st, a big thanks to Dick, Edith, Kathleen and myself o at the end came back to see that we retrieved all at was out at the booth and could be used once again returned to its rightful place at the Radio Club.

We had almost 950 hams sign our log book. I ven't had the time to see how far and wide that ached but if it is true to other years, I'm sure it was far d wide.

We sent 93 messages that reached from the rth in Alaska to the south in Australia. Good job by eryone. Next year, we are considering taking traffic for ywhere out side of Pierce County so this should make very busy traffic wise. Occasionally, we are asked to ss an individual piece of traffic and this is OK if you e comfortable with that.

Next year will be a celebration of 100 years for e fair. We could do some real fun and interesting ngs since we have so much wonderful old stuff in our useum. Got any ideas??? Let me know or contact thleen and let her know. So who are we thanking this ar. This is a list of those who volunteered to either aff the booth or set up or tear down the booth. anks to all of you!!

an, N7EAY; Joey, KB7UXC; Gary, N7GWC; Dan, C7KAN; Shelley, W7ATB; Jim, KC7SYT; Lois, C7SYU; Al, K5EAF; Al, KC7YGC; Sally, KB7PKF; Bob, KG7SM; Ruth, N7WGF; John, KC7FGG; Phil, W7PZF; Mark, KD7GJU; Karl, KC7PAI; Worth, W7WG; Morel, W6LIX; Bob, W7SKI; Chuck, WY7V; Jon, KC7VUQ; Alan, KB7SVU;Tressie, KC7BAL; Link, N7CEO; Marv, KC7JKA; Jay, KD7DKY; Dick, KG7WF; Rich, N7ANF; Dick, N7RHV; Tom, N7QHX; Roy, WA7UZL; Kathleen, NØEYK; Roger, K8RN; George, KK7FM; Don, W7DON; Frank, KC7YEF; Tom, N7VDU; Dawn, KC7VZM; Mick, KK7QS; Wendy, KC7VUO; Ed, KC7OKS; Jerry, W7BUN; Ken, KC7ZJC; Lou, KB7WDB; Nora, KC7JME; Hal, W7EC; Jill, K7JIL; Edith, KB7KSY; Dick, KB6PWR; AJ, KC7OKV; John, N7JFM; Marilyn, KB7PCT; Stef, KC7PCT; Owen, WA7JZM; Bob, KD7IBU; Jean, KB7SVX; Bob, WB7QCS; and Lynn, KB6OKS. On the chance that I missed someone, please forgive me. Call me and I will acknowledge you in the next bark.

Thanks once again. It could not and would not happen without you. Whether you believe it or not, you do make the difference and it is appreciated very, very much. Shirley, N7QHW

FLEA MARKET 1999

Unless there are some bills out there that I do not know of, and can not imagine what they could be - this should be the final word on the Flea Market of '99.

A sincere Thank You to all who helped make it the success it was.... Looking forward to an even better event in 2000 ! Plan now to attend and help out.

RECAP OF FLEA MARKET

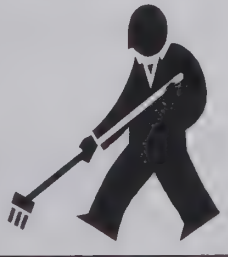
INCOME	
Pre Sales of Tables/Helpers	$ 2120.00
Sales @ Flea Market	610.00
Paid Admissions (380)	1900.00
Food (net)	375.39
Country Store	296.75
VE Table Rental	60.00
TOTAL INCOME	$5,362.14

****

EXPENSES	
Tables/Chair Rental	$ 813.00
Site Rental	500.00
Printing of Flyers	219.10
Tickets & Sign Materials	131.94
Publicity Mailing	51.47
Vendor Table Refund	20.00
Office Supplies	10.00
Sign Expenses	9.27
TOTAL EXPENSES	$1,754.78

NET PROFIT $3,607.36

THANK YOU!!!



RADIO CLUB OF TACOMA
PO BOX 11188
TACOMA, WA 98411-0188

[ ] NEW MEMBER (ONE APPLICATION PER MEMBER)

[ ] RENEWAL (ONE RENEWAL FORM PER FAMILY OK)

MEMBER CATEGORY: [ ] FULL [ ] SENIOR [ ] ASSOCIATE [ ] FAMILY [ ] LIFE [ ] STUDENT [ ] REINSTATEME

Name_____ Call_____ Class_____ Birthday_____

Address_____ City/State_____

Zip+4_____ Home Phone(____)_____ Work Phone(____)_____

e-mail _____ Publish phone number/e-mail in the Club Roster? Yes [ ] N

Former Call(s)_____

Are you a Volunteer Examiner Yes [ ] No [ ] If Yes, which VEC_____

Occupation (or former occupation)_____ Employer_____

Are you a member of: ARRL [ ] ARES/RACES [ ] MARS [ ]

FAMILY MEMBERS NAME, CALL, AND LICENSE CLASS (RENEWALS ONLY)

_____

_____

_____

THE RADIO CLUB PARTICIPATES AND SUPPORTS THE FOLLOWING ACTIVITIES EACH YEAR. PLEASE MARK THE BO
FRONT OF THE ACTIVITY OR ACTIVITIES THAT YOU WILL HELP SUPPORT. WE URGENTLY NEED YOUR HELP AND SUPPC
PLEASE CONSIDER AT LEAST ONE ACTIVITY THAT WE CAN COUNT ON YOU TO SUPPORT.

[ ] AWARDS BANQUET
[ ] FIELD DAY
[ ] FLEA MARKET
[ ] BOOTH AT THE WWA FAIR
[ ] SWEEPSTAKES IN NOVEMBER
[ ] VE TEAM
[ ] LOGGER'S BARK MAILING PARTIES
[ ] TEACHING CLASSES
[ ] SCOUTS JAMBOREE IN OCTOBER
[ ] ARES/RACES
[ ] N KITSAP FLEA MAR
[ ] OTHER MISC CONTE
[ ] MIKE & KEY FLEA M

Other hobbies, expectations, comment:_____

Do you own a computer? Yes [ ] No [ ] If so, what type?_____

How did you hear about the Radio club?_____

Seven dollars ($7.00) of your annual dues is the subscription fee for the Club's monthly newsletter(The Logger's B

Club badges are available for $9.00. If you would like a badge, please PRINT the following:

Badge Name_____ Badge Call Sign_____

Applicant's Signature_____ Date_____

ANNUAL MEMBERSHIP DUES: FULL OR ASSOCIATE MEMBER $30
FAMILY MEMBER (AT SAME ADDRESS, FIRST TWO) $15 EACH (ALL ABOVE 2 ARE R
SENIOR MEMBER (65 AND OVER) $25 FULL-TIME STUDENT (UP TO AGE 25) $15
LIFE MEMBERSHIP = 20 TIMES ANNUAL DUES (PAYMENT PLAN AVAILABLE)

FOR RCT USE ONLY

Dues received $_____ Treasurer's initials_____ Date_____
Badge fee rcvd $_____ Treasurer's initials_____ Date_____

RCT Number

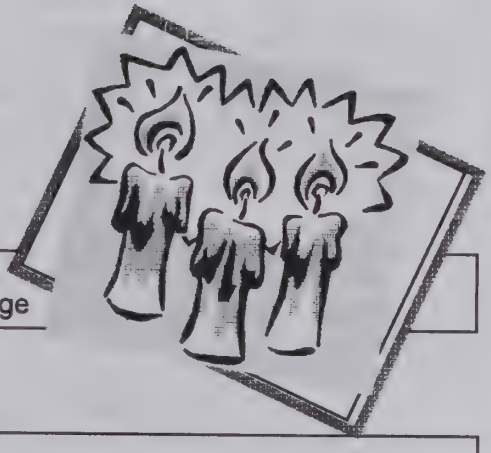
12/99

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma, WA 98411

NON PROFIT ORG.
U.S. POSTAGE
PAID
TACOMA, WA
PERMIT NO. 1078

RETURN SERVICE REQUESTED

COMING EVENTS



DEC 1 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

DEC 4 - Pinochle Potluck – 7 PM at the Clubhouse

DEC 8 - Club Meeting - Library Administration Center, 7:30 PM
Program: Power Line Noise and Cures for that Noise, Jack Talmadge

DEC 14 - License Exams - 7 PM - Clubhouse

DEC 15 - BARK deadline (please be as on time as possible!)

DEC 22 - NO Club Meeting– MERRY CHRISTMAS!!!

- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- **See page 3 for meeting program schedule.** Check the weekly net for updates to the program schedule.

BLESSED CHRISTMAS!

JOYOUS NEW YEAR!

December 1999

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 *ALVIN KA7BRT  SHOPPING TIME	2 *GORDON K7LAU	3 *HAL W7EC ARRL 160 M DEC 3-5	4  9:00 AM OPEN HOUSE 7:00 PM PINOCHLE POTLUCK *DUSTIN KC7EFA *JOSEPH KC7FF
5 *ROY K7OGL	6 *FRANK KC7YEF	7 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	8 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD	9 *A J KC7OKV	10	11  9:00 AM OPEN HOUSE ARRL 10 M CONTEST
12 *LEONARD KB7NEM ARRL 10 M CONTEST	13	14 7:00 PM ARES NET 145.37R 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R *BILL KJ7KT	15 *ED KC7FLR *JACK WA7ENB *MEL N7FIR  BARK DEADLINE	16 *BOB WB7QCS *DANNY W7TEL *JERRY W7BUN *KEN KB7UXT *ROBERT KC7PLH	17 *REX W7NP	18  9:00 AM OPEN HOUSE *DOUG AJ7Y *KEN KC7UHG *ROBERT KC8AZ
19 *JASON KA2YMZ *MARILYN KB7PCT RAC WINTER CONTEST CW AND PHONE	20 *BUD KC7IBV	21 7:00 PM ARES NET 145.37R 7:00 PM MVWS LICENSE EXAMS 7:30 PM RCT NET 147.28R	22 *MARK KB7PKD  FIRST DAY OF WINTER NO RCT MEETING TONIGHT	23 *DAVID WB7AUJ	24	25 *JOHN(MAC) W7MSR *RIC N7UFB  HAPPY HOLIDAYS
26 *ZAC KC7AZO	27	28 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R *CHUCK KA7HJN	29	30	31 ARRL STRAIGHT KEY NITE  HAVE A SAFE AND HAPPY NEW YEAR	

November 1999

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

January 2000

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

*HAPPY BIRTHDAY

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

VOL. XXXVI NR. 12 | W7DK | DECEMBER 1999

FROM THE PRESIDENT

The election results for next year's officers and board members is complete. I want to take this time to congratulate each person who was elected and to thank the membership for their votes for me as president. Now it is time to get busy and see what the officers and board can do to improve the Radio Club Of Tacoma.

One of the first things on my agenda is to find out why more of our members are not active and what it will take to get them more active. For our election we had less than half of our members turn in their ballets. We seem to have the same small group at our mouthy meetings. Why is this? What will it take to have more members attend? We have a club house with a great HF station. Why is it not used on a regular basis (other than the fact that the beam is still not up)? I feel that the station should be used on a regular basis to contest or rag chew, not just sitting up there collecting dust.

The another item on my agenda is the museum. We have a world class museum that should have publicity and be opened to the public at least once a week. I have already talked to the museum caretakers about this and they are in agreement with my idea.

As I said in my statement, each board member will act as a liaison to a committee - not as the chairman but someone who will see that the committee is formed and that a chairman is picked. Then they will give a report at the monthly board meeting as to how the committee is doing.

I also want to see more exposure to the community, such as demonstrations in schools, community gatherings and newspaper articles.

One thing I have noted is that when ideas are brought forth people are real fast at saying why it can not be done. Instead of always being on the negative side lets try to find ways to make new ideas work. Are the members of the Radio Club of Tacoma afraid of new ideas and ways? I hope not. Let's work together to improve our club. If you have any ideas on how to improve things, let me know. I want to hear from the club members. Call or E-Mail me.

We have two activities that need a chairman or co-chair. First is the flea market, which is needed by Jan. The second is for a special event at Mt. St. Helens on May 18, 2000. Roger Terwilliger, WA7ANJ, is willing to co-chair this event. Anyone interested, please call Roger or myself.

73, Alan

IN THIS ISSUE...

- COMING RCT PROGRAMS - Page 3
- ARRL NEWS - READ IT! - Page 4
- CONTEST CALENDAR - Page 10
- 80 YEARS OF SIDE-BAND - Page 11
- VOLUNTEER TO ELMER TODAY!

RENEW YOUR MEMBERSHIP NOW!
Please fill out the member application (found elsewhere in this issue) and return to the club tresurer with your dues.
THANKS!

ON THE WEB www.w7dk.org
Come see us!

RADIO CLUB OF TACOMA – 1999

PRESIDENT	ALAN HUGHES	KB7SVU	840-4947
V PRESIDENT	MICK PIER	KK7QS	847-8223
SECRETARY	NORA SIMMONS	KC7JME	847-5124
TREASURER	CHUCK SOUTER	KA7HJN	863-2650
BOARD (5)	AL BURLESON	K7HW	
	WORTH GURLEY	W7WG	582-3844
	MOREL GUYOT	W6LIX	838-5433
	GEORGE NOBLE	KK7FM	756-1127
	ED ROOT	KC7OKS	851-7463
LOGGER'S BARK STAFF			
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REPORTERS	SHIRLEY MURPHY	N7QHW	265-3661
	ROGER TERWILLIGER	WA7ANJ	475-4293
	ROGER NACE	K8RN	209-5624
	DICK RYAN	W7RGD	627-0922
	JERRY SELIGMAN	W7BUN	845-7652
PHOTOGRAPHER			
ASSISTANT ED.	ROGER NACE	K8RN	209-5624
COMPOSITOR	KATHLEEN NACE	NØEYK	209-5624
PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call a club officer to pass on the word to the appropriate person(s).

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.28 / .88 MHz 144.97 - Packet
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Reinstatements

Address/Phone Changes/Corrections

John W Currie, W7ARK
615 N Orchard St Apt 1
Tacoma, WA 98406-3040 Phone unknown

Frank Emigh, W7YDS
PO Box 2083
Brewster, WA 98812-2083 Phone unknown

Jack Hegseth, K7DBU
PO Box 5146
Spanaway, WA 98387-4076

Deanna Jenks, N7WHC
9411 203rd Street Ct E
Graham, WA 98338-8549 Phone unknown

Bill Jones, N7TEZ
PO Box 1082
Helendale, CA 92342-1082 Phone unknown

Margaret Syverson, KA7RUQ
C/O Madison House
12215 NE 128th St Apt 114
Kirkland, WA 98034-7304 Phone Unknown

E-Mail Address Changes/Additions

New Calls/Upgrades

Silent Keys

Howard Young, N7RHM
Lou Torres, W7QS
Joe Jenks, KA7DCX



ADDRESS CHANGES

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to Shirley, N7QHW, @ 253-265-3661.

COMING PROGRAMS AT RCT

DECEMBER 8TH (RESCHEDULED) - Power Line Noise and Cures. Jack Talmadge from Ridgefield (near Vancouver) will explain the causes of power line and other radio frequency interference, and what steps are needed to cure such interference. Jack is an RFI-TVI consultant who does contract work for electric power companies.

DECEMBER 22ND - NO MEETING. MERRY CHRISTMAS!



Your Ad Could Be Here!

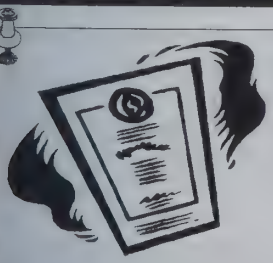
Call, Shirley, N7QHW
at (253)265-3661 for info.

ACCIDENT & BODILY INJURY
LAW OFFICES OF
DOUGLAS K. SMITH, P.S.

(206) 471-1000
(800) 585-8500

AJ7Y

DOUGLAS K. SMITH
Attorney at Law
102 Tacoma Mall Plaza
2702 South 42nd Street
Tacoma, Washington 98409



FIRST CONTACT AWARD

Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First Contact Award will be issued.

PINOCHLE



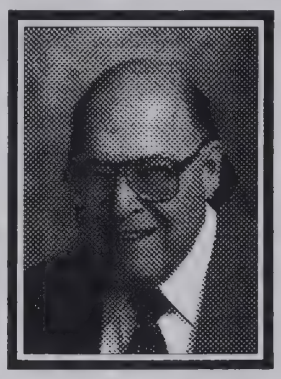
PINOCHLE & POTLUCK
Saturday, December 4th, 7 PM
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898



◈ News from the ARRL ◈

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet and other sources.



W7BUN

VAST MAJORITY OF HAMS NOT ULS-READY

Even though registration has been available for approximately two years now, most Amateur Radio licensees have yet to register with the FCC's Universal Licensing System. The ULS Task Force reports that, as of mid-November, 682,212 amateurs still have not registered. This figure includes individuals whose licenses have lapsed but remain in the two-year grace period. The FCC recently said approximately 3% of US licensees had registered with the ULS. Amateurs must be registered in the ULS in order to file applications with the FCC--including renewals, modifications, and vanity call sign requests.

To register for the ULS, visit http://www.fcc.gov/wtb/uls and click on "TIN/Call Sign Registration". Paper registration also is possible. For more information, call toll-free 888-CALL FCC (225-5322).

FCC LETTER INCLUDES OPERATING REMINDERS FOR NETS

FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth recently took advantage of an enforcement-related letter to issue some operating reminders for nets.

On November 3, Hollingsworth wrote Alan E. Strauss, WA4JTK, to follow up on earlier complaints about the "14.247 DX Group,". The FCC had contacted Strauss earlier this year regarding complaints that the 14.247 DX Group monopolized that frequency and interfered with ongoing amateur communications. Hollingsworth pointed out that amateur frequencies are shared, and no net has a greater right than any other ham to a given frequency and cannot take over a frequency unless it is voluntarily relinquished.

Hollingsworth also told Strauss that the practice of "identifying only by the last two letters of an Amateur call sign is a violation of Part 97" of the FCC rules and that such practice "must not be condoned by your group." He pointed out that if a calling station using an abbreviated ID is never acknowledged and given a chance to give a complete call sign, a legal ID would be lacking for that communication. To be strictly legal, stations using a suffix-letter ID always must identify within the first 10 minutes of the communication (and each 10 minutes thereafter) with a complete call sign.

NAVY TOWERS TOPPLED

A contractor used explosives November 13 to drop three 300-foot tall radio towers at the US Naval Academy in Annapolis, Maryland. The towers on Chesapeake Bay's Greenbury Point dated back to 1918 and had become a familiar sight to mariners and tourists. The US Naval Radio Station, Annapolis, was decommissioned in 1996. Plans to take down the towers generated a community debate between those who favored their elimination and those who wanted them preserved as historical artifacts. For many boaters, the towers have provided a navigational landmark. Naval Academy officials have said they will preserve the point as a nature and hiking refuge.

SOLAR MAX THREATENS POWER GRID AND SATELLITES

Forget Y2K! Watch out for Ol' Sol! Increased solar activity due to the current sunspot cycle is expected to affect satellites on which US telecommunications customers depend, says National Oceanic and Atmospheric Administration. The solar maximum also could impact US power grids. Starting next year, space storms, radiation showers and effects on power grids are all expected during the upcoming maximum, which is expected to last about three years. NOAA officials said the storms alter the Earth's magnetic field and may send strong enough electrical charges that would overwhelm vulnerable power grids. The last cycle of geomagnetic storms occurred in the late 1980s and resulted in blackouts in Montreal, England and Scandinavia and damaged four Navy satellites. Meanwhile, Amateur Radio operators have been looking forward to the solar maximum hoping for improved HF conditions and enhanced propagation on VHF and even UHF

VOA SAYS "OOPS!"

The Voice of America says a problem at one of its transmitters apparently was responsible for causing a spurious signal to appear in the top end of the 20-meter amateur phone band. Several hams had reported hearing a broadcast signal on 14.340 MHz in recent weeks, a second harmonic of the 7.170 fundamental. The VOA said the problem apparently was related to a faulty harmonic filter at a transmitter in the Philippines. The station has switched to an alternate transmitter until repairs can be made

AMATEUR RESTRUCTURING DETAILS POSSIBLE BY YEAR'S END

Knowledgeable sources in Washington say the amateur license restructuring issue has moved to the front burner at the FCC, and a Report and Order could be released before the end of 1999. The Amateur Radio community has been awaiting license restructuring for nearly one year now. The restructuring debate generated more than 2200 comments to the FCC, many of them from individual amateurs. Once the FCC approves the Report & Order, a Public Notice will be issued, and the actual R&O will be released probably within a few days.

HAMS WILL GET TO HELP NASA WITH SPACE EXPERIMENT

The Plasma Experiment Satellite Test--or PEST--at NASA's Marshall Space Flight Center will ride on the Joint Air Force-Weber State University Satellite, or JAWSAT. The launch is set for no earlier than December 2. The primary payload will be the US Air Force Academy's Falconsat. JAWSAT will serve as a bus for several deployable payloads and the attached PEST experiment.

The telemetry stream from JAWSAT--which includes data from PEST--will be transmitted on amateur frequencies. Hams will be able to obtain data that characterizes certain aspects of the ionosphere above the D, E, and F layers where most of their signals are reflected.

Data from PEST will be using either a G3RUH modem or a GMSK modem. Data rates should be as high as 38.4 kb/s. Data will be transmitted on 437.175 MHz or 2403.2 MHz. NASA will publish instructions for sending in data so the PEST team can use it.

Deployable payloads aboard JAWSAT are the Orbiting Picosat Automatic Launcher--or OPAL-- and ASUSAT provided by Arizona State University. ASUSAT itself will contain amateur packet hardware and a 2-meter/70-cm FM voice repeater. OPAL will release three tiny picosats--one of them, StenSat--will have a cross-band repeater aboard that will operate much like the popular AO-27 satellite.

After JAWSAT reaches its desired polar orbit at 700 km (420 mi) altitude, it will be about two weeks before PEST is first powered on. PEST will acquire data for at least a two-month period. For more information, visit http://science.nasa.gov/ newhome/headlines/ ast04nov99_1.htm

KLM SK

KLM Antennas of Monroe, Washington, reportedly closed its doors as of October 31. Industry sources say that Bruce Scott will continue to sell parts--at least for the time being--by e-mail orders only to klm_antennas@msn.com. No other information is available at this time.

M2 is planning to support the popular KLM KT34A/KT34XA series of antennas with a line of upgraded replacement parts. There is a possibility of manufacturing a completely redesigned and upgraded version of the antenna under the M2 label. M2 is on the Web at http://www.m2inc.com

FCC LOGS VANITY HEADWAY

There's additional progress to report on the vanity call sign front. The FCC reported November 5 that it had processed vanity call sign applications received through September 7. It appears from FCC records that 1528 vanity applications were filed between August 16--the first day of Universal Licensing System Amateur Service deployment--and October 29. The FCC granted 524 vanity call signs since it resumed vanity processing in mid-September.

The FCC also says it's eyeing possible improvements to the Universal Licensing System. The ULS Task Force says it agrees that Microsoft Internet Explorer must be fully supported by the ULS, and the system will be modified to support it in early 2000. Right now, the ULS supports only the latest versions of Netscape.

CQ VHF, CQ, MAGAZINES TO MERGE

CQ VHF magazine will end publication at year's end and be merged into an expanded CQ magazine. That announcement came this week from CQ Publisher Richard Ross, K2MGA. The merger takes effect with the January 2000 issue.

INSTRUCTOR OF THE YEAR

Nominations for the ARRL Instructor of the Year awards are due to section managers by January 31. It's simple to nominate an exceptional ham radio instructor, teacher or recruiter to receive one of the four annual awards! A nomination form is available on the Web or by mail. Each award nomination requires endorsements and testimonials from others. To get an Educational Awards Nominating Application, visit http://www.arrl.org/ead/ award/application.html or contact Jean Wolfgang, tel 860-594-0219; e-mail jwolfgang@arrl.org.

ARISS DELAYED (AGAIN!)

The schedule once again has been reset for space shuttle mission STS-101, which will carry the initial Amateur Radio on the International Space Station gear aloft. NASA now says the shuttle Atlantis will launch no earlier than March 16, 2000. The nearly 11-day mission will carry the initial Amateur Radio station equipment to the ISS for deployment aboard the Russian-built service module.

NEW ENFORCEMENT AND CONSUMER INFORMATION BUREAUS OFFICIAL

It's now official! The FCC will create two new bureaus--the Enforcement Bureau and the Consumer Information Bureau--effective November 8. FCC Chairman William Kennard made the announcement during testimony October 26 before the House Telecommunications Subcommittee on the FCC's Five-Year Strategic Plan.

As expected, FCC Deputy General Counsel David H. Solomon was named to head the Enforcement Bureau. The new bureau will consolidate enforcement functions--including amateur--and personnel from the Commission's existing Common Carrier, Mass Media, Wireless Telecommunications and Compliance and Information Bureaus. Solomon has been Deputy General Counsel since 1994. Current FCC Legal Adviser for Enforcement Riley Hollingsworth, K4ZDH, says he hopes the reorganization eventually will permit him to increase the amount of time he's able to devote to Amateur Radio enforcement. Hollingsworth will get a new title as part of the reorganization: Special Counsel for Amateur Radio Enforcement. For more details on the reorganization plan, visit http://www.fcc.gov/Bureaus/Miscellaneous/ News_Releases/1999/nrmc9072.html



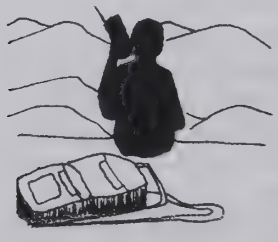
ARES/RACES

The following article was printed in the January 1996 Field Forum published by ARRL Volume 12 Number 1. Since we do have those emergencies that require us to be out in the field for long periods of time, I thought this might be helpful as well as timely in view of what may occur in our area.

PERSONAL PREPAREDNESS FOR EMERGENCY RESPONDERS

By Jerry Boyd, KG6LF, Chief of Police
Director of Emergency Preparedness
City of Martinez, California

Natural and human caused calamities which require an Amateur radio response continue to occur on a frequent basis across the nation and around the world. Several (wildfires in the west and hurricanes along the Gulf and Atlantic seaboards) are unfolding even as this article is being written. The proliferation of cellular telephones, and, increasing sophistication of public safety communication systems not withstanding, it is clear Amateur Radio will have roles to play in emergency communications for years to come.



No one incident in recent history supports that contention more than the tragic bombing of the federal building in Oklahoma City, in early 1995. Though public safety resources responded in great numbers from throughout the United States, accompanied by large quantities of sophisticated communications equipment, Amateur Radio operators were still relied upon for a period of several weeks to provide overall communications support. It is, doubtless, our flexibility in terms of frequencies and modes of communications which speaks against our obsolescence as an emergency communications resource. Our use of such new technology as the Automated Packet Reporting System (APRS) linked by many users to the Global Positioning Satellite System (GPS) makes us an attractive support communications entity.

Much has been written over the years about the need for and desirability of amateurs serving as emergency communicators. Even more has been written concerning the various approaches to establishing agreements and good working relationships with our clients, the types of training we need to ensure success, and how we ought to attire and comport ourselves when responding. Personal experience, along with the input of many other amateurs who have been front-line responders indicate, however, that we do not always perform well in terms of preparing ourselves to overcome the rigors of the events we respond to. The purpose of this article is to address that deficiency, discussing a personal preparedness system that will see us through our response, minimize the wear-and-tear on us as human beings, contribute to a better overall operation, and hasten our full recovery from the effects of a tragic incident.



N7QHW

Personal Preparedness

Certainly, none of us can predict exactly where or when the next calamity will occur, what type it will be, whether we will be called to serve, and if so, for how long and under what conditions. How then do we prepare personally to meet the unknown challenges which lie ahead. Public safety professionals are taught that certain "lifestyle approaches" will significantly benefit them in terms of alertness, stamina and tolerance for less than ideal working conditions, regardless of the type. I believe we can learn from them. Consistent prope diet, regular aerobic exercise such as walking or bicycling, and an adequate amount of sleep on a daily basis, are important steps we can all take to prepare for those hours or even days whe normality is interrupted by catastrophe.



In addition to physical preparation, the need exists to prepare psychologically for what we may one day face. Participating in realistic training exercises which uti ize actual video footage of the carnage one may expect to see in real life is one means of thus preparing. Talking about one's reactions to what is seen with a post-traumatic stress counselor in a small group setting with other responders is good "pre-event therapy;" and, by the way, participating in post-event counseling following a response to a real time incident makes very good sense as well. Realizing that your reactions to terrible, unsettling, and often violent events are "normal" is very helpfu both in preparing for and dealing with tragedies at the time and after the fact.

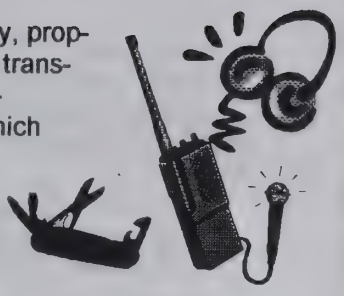
Response Kits

It is becoming very common for amateurs to respond to major calamities far from their residences and normal base of operations. In such responses, there is n fall-back to the comforts of home until one's participatior is complete. While the Salvation Army, Red Cross and local residents who want to be helpful will readily supply emergency workers (including amateurs) with some hygien necessities, the wait for these to arrive can often be uncomfortable. A small backpack-sized response kit always at the ready and carried along when responding will make a big difference in terms of the responder's comfort.



What should a good, relatively small, light weigh

response kit contain? Certainly, properly designed, it can carry the transceivers, batteries, cables, earphones, microphones, etc., which are the "tools of our response." That component, however, is grist for an article on another day. What it must also contain are items designed for our physical survival and personal comfort.

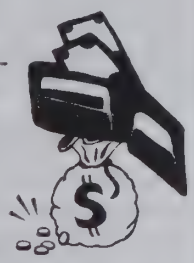


Personal Survival Kit

Disaster preparedness experts advocate a 72-hour supply of food, water and medicine, on the theory (proven correct) that it may take up to three days to transport such essentials into a stricken area. For disaster service workers, such as ARES personnel, a one-day (three days is advised by Pierce County Department of Emergency Management) supply of food and water will suffice. Emergency responders will be the first to be provided access to water and food stuffs based upon the fact that emergency responders must be "fueled" if they are to capably assist victims. A one-day supply of water (in easy to carry/use U.S. Coast Guard-approved packets) along with a one-day ration of high energy, high fiber food bars, in an easy to wear "fanny pack" is a good idea. Both are available at marine supply outlets, mountaineering and backpacking stores, and at some drug and hardware stores. Prescription medicine needed should be carried in an amount sufficient for one week. Remember, even if you have a prescription with you there may not be a pharmacy open to fill it. Other "medicines" such as aspirin, antacid tablets and protective lotions such as sunscreen and insect repellent should also be carried. Some cash and coins need to be included. Don't count on open banks or functioning ATM machines to convert your "plastic" into spendable cash. Proper identification, including your Amateur Radio license and ARES (for Pierce County, this would be your DEM card) card should be carried along with a list of important telephone numbers to refer to when calling your employer or relatives to update them on your status and determine theirs. Hygiene is important and a toothbrush, toothpaste, comb, shampoo, antiperspirant, and chemical hand wipes should be carried. A flashlight or chemical light stick and a portable AM/FM radio are important, as are extra batteries for them. Extra clothing (including a light jacket, even in the summertime) and some type of head covering are likewise important.

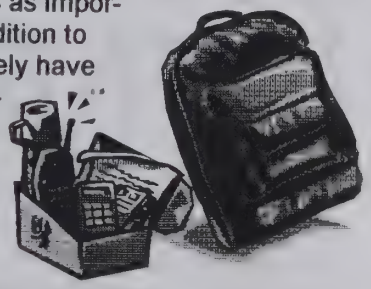








Convenient carrying of the items which comprise your personal survival kit is as important as the contents. In addition to your survival kit you will likely have radio equipment, spare batteries, power cables, an external antenna, and maybe even a computer and TNC to carry in a briefcase or a duffel bag. The ability to strap your survival kit around your waist (in a large fanny pack) or to carry it in a backpack should not be overlooked. The relatively small backpack shown in the photo is large enough to carry every item needed in a personal survival kit, including extra clothing, and deserves your consideration.



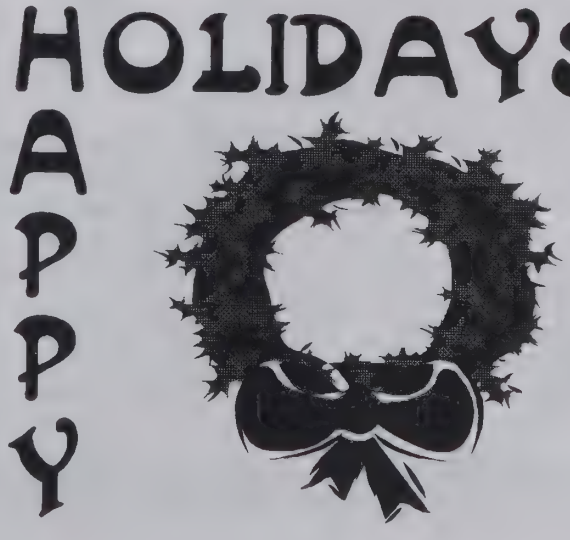
Finally, the issue of accessibility of your personal survival kit. It needs to be close at hand at all times, since if it is in one location and you are far removed in another, it does you no good at all. If you travel by motor vehicle most of the time, keep it in the vehicle. If you have a locker at work or school, that may be a good place to store such a kit. And, when you are at home, keep it where you will see it when you rush out the door in route to whatever emergency summons you. Like the commercial for a well known credit card says "Don't leave home without it."

(Note: The author and his wife, Jay, KN6BP, are co-authors of When the Big One Hits...A Survival Guide for Amateur Radio Operators, published by World Radio Books, 1993.)

Remember to check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Alan, Bob or Shirley.

Do you want to get involved? Simply contact Alan Hughes, KB7SVU, at 253-840-4947 and let him know.

73, Shirley, N7QHW



MEETING MINUTES

Radio Club of Tacoma
General Membership Meeting
27 October 1999

The meeting was called to order at 7:30 PM by the Vice President Mick Pier, KK7QS. The Flag salute was led by Mick, KK7QS and the introduction of everyone attending followed.

Program: Alternate Sources of Power. It was given by Ralph Javins, N7KGA, of Seattle.

Classes: General, Advance, and Extra sign up with Jerry, W7BUN.

Flea Market: It was suggested to hold it at the Pierce County Fair- grounds next year. A motion was made and seconded. It passed.

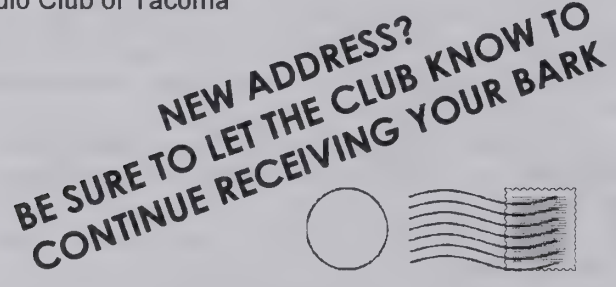
Club Jackets: Anyone interested in buying one, contact Shirley, N7QHW.

The ***Christmas potluck*** will be held at the TACID Building on December 10th from 6 to 8 PM.

Modulated CW will be on 147.38 for fifteen minutes every night of the week. It will be sent by Mac Parks, N6NBD.

Meeting adjourned at 9:10 PM.

Respectfully submitted,
Nora A. Simmons, KC7JME, Secretary
Radio Club of Tacoma



Radio Club of Tacoma
Board Meeting Minutes
3 November 1999

The meeting was called to order by the President Alan Hughes, KB7SVU. The board members attending were Ed Root, KC7OKS, George Noble, KK7FN, Morel Guyot, W6LIX, Worth Gurley, W7WG, Al Burleson, K7HW, Mick Pier, KK7QS, and Nora Simmons, KC7JME. The guest was Lou Simmons, KB7WDB.

Treasurer's Report:

October 1999 Summary

Bark Subscription	$7.00
Memorial Donation	$70.00
Field Day Donations	$11.54
Coffee	$34.43
Soft Drinks	$6.00
Coax Sale	$35.00
X-FER From Flea MKT.	$4,903.26
X-FER From Savings	$600.00
Total October Income	$5,667.23
Expenses	
Club House Repairs Emer Elec Panel	$117.92
Christmas Party Dep	$75.00
Repeater Dir Ad	$50.00
Property Tax	$671.73
County Fees	$50.00
Badge Purchases	$34.00
Ballots	$66.63
Training	$196.42
Bark Copies (2)	$290.72
Postage	$2.55
Tower Repairs	$31.00
Total October Expenses	$1586.85
Net Gain For Month	$4080.38
Less XFERS	$5503.26
	$1422.88

The Board Meeting Minutes were approved as published.

ARES: Getting ready for Y2K.

TAC 1 is under DEM.

Museum: Suggestions for Museum is to send out flyers to orther Clubs inviting orther people to view our Museum, Also more publicity.

Old Business:440 repeater needs antenna put on the tower.

New Business: The radio club is registered with State Surplus in Fife. A motion was made and seconded and approved for Al Burleson, K7HW, to purchase three complete sets of batteries for the repeaters from State Surplus. The cost is $50.00.

A motion was made seconded and passed to bring desk from upstairs to be used downstairs but not in the classroom.

Put notice in HF room on how to operate the radio.

Web Site: The Peninsula Radio Club is linked to our We Site but we are not linked to their site.

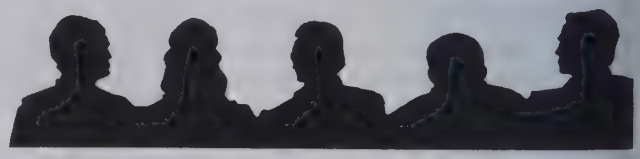
We had a poor turnout for the Scout Jamboree. It is on the third weekend of October.

Revive the Long Range Planning Committee for the Nev Year.

Plan a annual activity calendar.

Meeting was adjourned at 8:50 PM

Respectfully submitted,
Nora A. Simmons, KC7JME, Secretary
Radio Club of Tacoma
Alan Hughes, KB7SVU, President



Radio Club of Tacoma
General Membership Meeting
10 November 1999

The meeting was called to order at 7:30 PM by the President Alan Hughes, KB7SVU. The flag salute was led by Ed Root, KC7OKS, and the introduction of everyone attending followed.

Correspondence: Salem Hamfest is on February 19. It will cost $7.00 at the door.

Program: Jerry, W7BUN presented a Video on the first Transatlantic DX Contest and announced upcoming programs.

Membership: Renewals are coming in for next year.

Training: Novice-Tech Class may be in January.

ARES: December meeting there was a sign-up sheet for Y2K.

Correction to 13 October Minutes - Jerry, W7BUN, is Field Day chairman not the Flea Market.

We need a Chairman for the Flea Market and for the Y2K Mt. St. Helens event. Roger, WA7ANJ, will help whoever chairs the event. It will be called the Stan Warburton Memorial Event.

The ***election results*** were:
President: Alan Hughes, KB7SVU
Vice President: Morel Guyot, W6LIX
Secretary: Ed Root, KC7OKS
Treasure: Chuck Souter, KA7HJN
Board Members:
.George Noble, KK7FN
. Worth Gurley, W7WG
. Al Burleson, K7HW
. Al Churchill, KC7 YGC
. Rich Manson, N7ANF

Alan, KB7SVU, needs 5 people on the ground when he puts the beam antenna back up on the tower. He can do during the week depending on the weather and the help he gets.

Christmas Party is on December 10 at the TACID Building. It will be a potluck.

Al Churchill, KC7YGC, said the TNC was repaired.

Mac Parks, W6NBD, is sending code every night at 8 PM on 147.38.

Merle Handy, W7QLG, would like someone to take over the selling of the books.

Rich Manson, N7ANF, is seeking radio gear for a needy ham.

The Meeting adjourned at 8:40 PM.

Respectfully submitted,
Nora A. Simmons, KC7JME, Secretary
Radio Club of Tacoma



ANNOUNCEMENTS



Make plans to attend the **Christmas Potluck and Awards Presentation** on Dec. 10th from 6 PM until 8 PM at the TACID Building on So. 19th Street. Call Rich, N7ANF, at 253-474-8883 or catch him on the repeater to find out how you can help or what you might bring...



ARRL MEMBERSHIP

If you haven't joined or rejoined the ARRL, please do so through the Radio Club of Tacoma! The ARRL is the major voice for Amateur Radio in the US and, besides providing a wealth of information to its members, they provide us with a voice in Washington to help protect the interests of all amateurs. Additionally, RCT is an ARRL Special Service Club and RCT needs to have at least 51% of its members belong to the ARRL to retain its Special Service Club status. See the Treasurer for application forms, and bring your ARRL renewal notices and rejoin through the club. The club receives a commission for each new or renewed membership sent through the club.

JOIN TODAY!

See our club treasurer for details.



Editor's Notes

de NØEYK

E-Mail address:
kathleen@naceplace.com



I hope that everyone had a nice Thanksgiving! We celebrated with our kids and grandkids. Both of us agree that grandparenting is GREAT! It is that "love 'em and leave 'em" deal – great to visit, but glad to leave and get to the reasonable quiet of my own space!

Coming this month is our annual Christmas and Awards Potluck on Dec. 10th. I hope that many will attend. I hear it is a good time! Call Rich, N7ANF, to help or find out what to bring.

Our Elmer Board needs more volunteers willing to share time and knowledge with those in need. 3 people is a pretty poor representation of a club of our size! Sign up now! Spread the work/fun out a little!

Merry Christmas and new year's blessings... Welcome to Y2K! 73, Kathleen

RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.
SIZES Small through XL ARE $39, XXL ARE $46 AND XXXL ARE $52.00.
GET ONE NOW!
Call Shirley, N7QHW, at 253-265-3661, to order yours today!

Radio Club of Tacoma License Exams

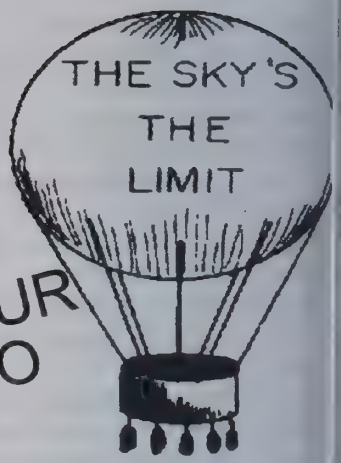
DECEMBER 14, 1999

7 PM RCT Clubhouse

1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.45. For information call:
Shirley Murphy, N7QHW @ 253-265-3661
Fee as of Jan. 2000 – $6.65

DECEMBER CONTESTS



WITH AMATEUR RADIO

3-5
ARRL 160-Meter Contest.
QRP ARCI Holiday Spirits Homebrew Sprint, CW
TOPS Activity 3.5 MHz CW Contest

11-12
ARRL 10-Meter Contest.

18-19
OK DX RTTY Contest
Croatian CW Contest
Stew Perry Top Band Distance Challenge
RAC Winter Contest
International Naval Contest

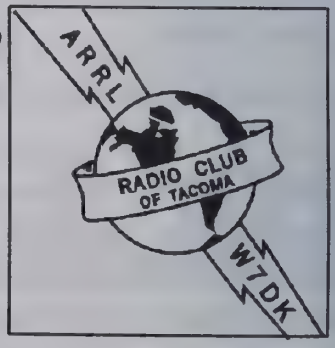
31
ARRL Straight Key Night.



Want more info, check **www.arrl.org/contests**

RADIO CLUB OF TACOMA

W7DK



FLEA MARKET 2000

With the success of our recent Flea Market just behind us, it is time to be making plans for Flea Market 2000 !!! The site has been reserved for September 8th for set up, September 9th for the event.

Many good people have come forward and volunteered - (remember, volunteering is when you agree to do something BEFORE the chairman nails you for a much harder job) so really about all that is left to cover is for someone to step forward and volunteer to be Chairman, or ChairPERSON in 2000. With the crew who has agreed to work it will be easy to put together a successful event.

I retire in December of '99 which will give me the free time and the ability to actually plan on things - but unfortunately, we have made plans which will have us out of town that week in September. I would be willing to work with the person who agrees to organize the Flea Market, and pass on lessons learned and mistakes made during the '99 event.

Think it over, consider how much the Club gives you and see if you are not able to step forward and give some back this year.... not only will you have a good feeling when you see the crowds attending but you will have fun working with your fellow Club members !



Please contact one of the Club Officers and nail this job down before someone beats you to it.... Remember, if you are Chairman, not only do you get the credit when things go well - but it insures you do not get stuck with one of the really hard jobs !!!

Condolences to the family of
Joe Jenks, KA7DCX.

"YAKIMA — TACOMA HUNTER KILLED IN APPARENT ACCIDENTAL SHOOTING

A Tacoma man hunting near Rimrock Lake was killed in an apparent accidental shooting, Yakima County sheriff's detectives said Thursday.

Joseph Jenks, (KA7DCX), 45, died after being shot in the hand and chest with a handgun about 9:40 PM Tuesday in the Conrad Meadows area. He died before help arrived.

He was hunting with two friends from Yakima.

The shooting appeared to be accidental, but detectives will investigate to make sure that there was no foul play, the sheriff's office said."

Ed. Note: Frank, W7FJB, saw this article in the News Tribune, Friday, Nov. 5th, 1999. Thanks, Frank.

Single-Sideband is 80 Years Old

My neighbor retired from the Collins Radio Company several years ago. I thought you would like to see some comments I got from him.

Dave, WAØZZG, Cedar Rapids.

SSB and ISB have been in use for decades in the Fixed Radio Services, for transoceanic and other point-to-point radiotelephone services.

The reason for the pilot carrier, besides locking the frequency, was to demodulate the sideband audio. We amplified the carrier until it represented the normal amplitude carrier for a 100% modulated signal. The reason is still valid today. You preserve the phase angle which then makes the audio sound more natural or high fidelity. Since the carrier suffers the same propagation as the sidebands the audio comes out sounding better than using a fixed phase carrier with a variable phase sideband. People back then were more critical of the audio quality. Today we are used to tinny sounding communication systems and don't consider that a fault.

By the way, the amplification of the pilot carrier idea is still to be found in some FM stereo receivers. The pilot carrier is amplified to demodulate the stereo channel rather than using it to phase lock the local 19 kHz carrier oscillator. Works great in fringe areas. No loss of lock.

But what I wanted to get to was the AT&T experiments with transatlantic telephony in the early 20s. The thought then that VLF was the only way to cross the pond. The AT&T engineers were tearing their hair out because now that they could modulate the signal and transmit voice in the lab, but doing it for real in the field was not working. The signals sounded sort of "Donald Duckish" - garbled they said because this was before the Duck was created. Finally it dawned on one bright engineer that the VLF antenna on 30 kHz had a "Q" so high it was acting like a passband filter. Frequencies one or two kHz off resonance suffered mismatch and tremendous power loss. They had never bothered about this because up until then the traffic was CW. Now they were dealing with a signal requiring an antenna system at least 10 kHz wide which is an unheard and still difficult thing to accomplish at VLF.

This is all part of the patent notes for my modulation system which over the last 40 years has become stereo AM radio.

Dick, WØRPV

(Editor's Note: Received from Jerry, W7BUN)

AREA SWAP MEETS

...and in the year 2000...

March 11	Mike & Key Fleamarket, Puyallup, WA
Apr 8	Lilac City ARC, Spokane, WA
May 19-21	ARRL National Convention, Dayton, OH
June 1-4	NW Division Convention, SEAPAC, Seaside, OR

SCHEDULE YOUR SWAPMEET VISIT

ELMER BOARD

Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members area their areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment

Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Frank, AB7YZ	253-752-8520	2,3

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the board!

(Ed. Note – Every month since the elmer board has existed, we have lost at least 1 elmer We need more volunteers on the elmer board. Please add your name to the list!)

Amateur Radio Exams

in the Puget Sound Region as of November, 1999



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Thursday - 7:00 PM, **Bonney Lake** Library,18501 90th St East – Contact Roxann Holwege, AB7HO, at 253-862-8905

1st Saturday - 1 PM - Boeing **Kent** Rec. Center, 22649 83r Ave So, Room "C", - Contact Rick Antes, KF7VG, 425 277-2220, Des Moines

2nd Tuesday - 7:00 PM - Radio Club of* Tacoma *Club house, 1249 S. Washington St. - Contact Shirle Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contac Jim Elliot, AA7OM, 360-456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Denny's Restaurant, 13100 48th So., Contact Mary Lewis, W7QGP, 206-523 9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hal 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771 Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 To bin Street - Contact Mike Dinkelman, N7WA, 253-854 4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, High way 2 - Contact Dave Axe, 360-793-2526, W7AGJ, Su tan

3rd Saturday - every 4th month - 9:30 AM - **Montesan** High School - Pearsall Center, 2109 Sumner Ave. Cor tact Nick Bender, NX7W, 360-249-4671, Montesano

3rd Saturday - 10 AM - **Shelton** - Shelton Airport - Contact Dick Bostrom, N7LD, 360-426-4627, Shelton

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Cer ter, 6400 36th Ave. West - Contact Dwayne Brodersor KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contac Jim Elliot, AA7OM, 360-456-5571, Olympia

4th Saturday - 10 AM - **Everett** - Everett Housing Authority 14th and Popular - Contact Loren Hole, KK7M, 425-33 5158, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Techn cal Bldg, Olympic College - Contact Walt Winter AA7TL, 360-692-8326, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 1230 80th Ave East, Puyallup, WA 98373 - 253-845-7652

RADIO CLUB OF TACOMA
PO BOX 11188
TACOMA, WA 98411-0188

[ ] NEW MEMBER (ONE APPLICATION PER MEMBER)

[ ] RENEWAL (ONE RENEWAL FORM PER FAMILY OK)

MEMBER CATEGORY: [ ] FULL [ ] SENIOR [ ] ASSOCIATE [ ] FAMILY [ ] LIFE [ ] STUDENT [ ] REINSTATEMENT

Name_____ Call_____ Class_____ Birthday_____

Address_____ City/State_____

Zip+4_____ Home Phone(____)_____ Work Phone(____)_____

E-mail _____ Publish phone number/e-mail in the Club Roster? Yes [ ] No [ ]

Former Call(s)_____

Are you a Volunteer Examiner Yes [ ] No [ ] If Yes, which VEC_____

Occupation (or former occupation)_____ Employer_____

Are you a member of: ARRL [ ] ARES/RACES [ ] MARS [ ]

FAMILY MEMBERS NAME, CALL, AND LICENSE CLASS (RENEWALS ONLY)

_____

_____

_____

THE RADIO CLUB PARTICIPATES AND SUPPORTS THE FOLLOWING ACTIVITIES EACH YEAR. PLEASE MARK THE BOX IN FRONT OF THE ACTIVITY OR ACTIVITIES THAT YOU WILL HELP SUPPORT. WE URGENTLY NEED YOUR HELP AND SUPPORT, PLEASE CONSIDER AT LEAST ONE ACTIVITY THAT WE CAN COUNT ON YOU TO SUPPORT.

[ ] AWARDS BANQUET
[ ] FIELD DAY
[ ] FLEA MARKET
[ ] BOOTH AT THE WWA FAIR
[ ] SWEEPSTAKES IN NOVEMBER
[ ] VE TEAM
[ ] LOGGER'S BARK MAILING PARTIES
[ ] TEACHING CLASSES
[ ] SCOUTS JAMBOREE IN OCTOBER
[ ] ARES/RACES
[ ] N KITSAP FLEA MARKET
[ ] OTHER MISC CONTESTS
[ ] MIKE & KEY FLEA MKT

Other hobbies, expectations, comment:_____

Do you own a computer? Yes [ ] No [ ] If so, what type?_____

How did you hear about the Radio club?_____

Seven dollars ($7.00) of your annual dues is the subscription fee for the Club's monthly newsletter(The Logger's Bark).

Club badges are available for $9.00. If you would like a badge, please PRINT the following:

Badge Name_____ Badge Call Sign_____

Applicant's Signature_____ Date_____

ANNUAL MEMBERSHIP DUES: FULL OR ASSOCIATE MEMBER $30
FAMILY MEMBER (AT SAME ADDRESS, FIRST TWO) $15 EACH (ALL ABOVE 2 ARE FREE)
SENIOR MEMBER (65 AND OVER) $25 FULL-TIME STUDENT (UP TO AGE 25) $15
LIFE MEMBERSHIP = 20 TIMES ANNUAL DUES (PAYMENT PLAN AVAILABLE)

FOR RCT USE ONLY

Dues received $_____ Treasurer's initials_____ Date_____

Badge fee rcvd $_____ Treasurer's initials_____ Date_____

RCT Number

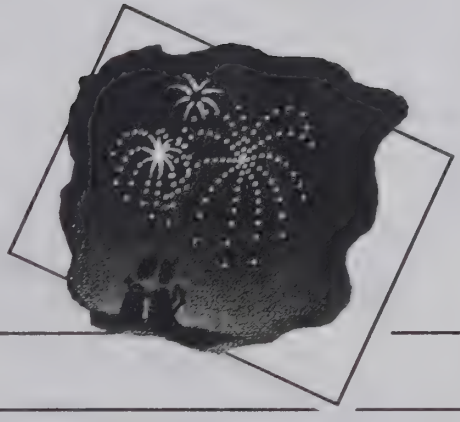
1/2000

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma, WA 98411

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PERMIT NO. 1078

RETURN SERVICE REQUESTED

COMING EVENTS



JAN 1 - HAPPY NEW YEAR! - Welcome to the new century!

JAN 5 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

JAN 8 - Pinochle Potluck – 7 PM at the Clubhouse

JAN 11 - License Exams - 7 PM - Clubhouse

JAN 12 - Club Meeting - Library Administration Center, 7:30 PM
Program: Electronics in Rocketry - Chris Scott

JAN 15 - BARK deadline (please be as on time as possible!)

JAN 26 - Club Meeting - Library Administration Center, 7:30 PM
Program: MINI FLEAMARKET See Programs on page 3 for more info.

- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- **See page 3 for meeting program schedule.** Check the weekly net for updates to the program schedule.

JOYOUS NEW YEAR!

WELCOME NEW CENTURY!

January 2000

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 9:00 AM OPEN HOUSE 7:00 PM PINOCHLE POTLUCK *HAPPY NEW YEAR TO ALL*
2 *DAN KC7IEI *JOHN N6FUS	3  LET IT SNOW!! LET IT SNOW!!	4 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R *JULIAN W7DXI	5 7:30 PM RCT BOARD MTG	6 *GARY W7DO  NEW MOON	7 ARRL RTTY ROUNDUP	8 9:00 AM OPEN HOUSE *LOIS KC7SYU ARRL RTTY ROUNDUP MEET NOVICES & TECHS DAY BY YLRL
9 *DONALD K7LMN ARRL RTTY ROUNDUP MEET NOVICES & TECHS DAY BY YLRL	10 *DEANNA N7WHC	11 7:00 PM ARES NET 145.37R 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R	12 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD *AL KA7CZB *JOHN K7JWM	13	14 *CHARLES WB7WOU *EDWIN KA7HZH  BARK DEADLINE	15 9:00 AM OPEN HOUSE
16	17 *MARV KG7V *WILLARD WA9RMK  MARTIN LUTHER KING DAY	18 7:00 PM ARES NET 145.37R 7:00 PM MVWS LICENSE EXAMS 7:30 PM RCT NET 147.28R	19	20  FULL MOON	21	22 9:00 AM OPEN HOUSE *LOUIS W7ENR *PETER KK7QW ARRL JANUARY VHF SWEEPSTAKES
23 *BOB AB7TW *JEAN WA7OII *PRASAD N7RGL ARRL JANUARY VHF SWEEPSTAKES	24	25 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R *DON W7DON	26 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD	27	28 *BOB W7SKI	29 9:00 AM OPEN HOUSE *KIRK KC7UFY
30	31 *LES WB7QCI					

December 1999

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

February 2000

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29				

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXVII NR. 1 | W7DK | JANUARY 2000

FROM THE PRESIDENT

First I would like to thank Rich Manson, N7ANF, and his XYL for doing a good job on the Christmas party. There was a lot of turkey and ham along with other tasty items that people brought. It was rather small, with only 32 attending this year. But everyone had fun!

I am pleased to announce that Roger Terwilliger, WA7ANJ, has accepted the position as chairman of the fleamarket for the year 2000. After talking to Roger about the fleamarket, I feel that he will do a great job. He has some very good ideas. I understand that he has already has a treasurer - Nora Simmons, KC7JME. Good luck to both of you. We are all here to help you.

Since you will be reading this in January 2000, I hope that everyone had a great Christmas and that Santa gave you gifts that you wanted. I also hope that you had a safe and happy New Year. Even though as I write this there is still 17 days before 2000, I will take this time to thank everyone who helped out on the New Year's event.

Speaking of the new year, it comes with some new ideas and changes for the Radio Club of Tacoma. First, as I have said before, the board members will have more duties than before. I will be putting these into effect at the Jan. board meeting. Second, the database on members will be used to find out who to call for help on events. Third, there will be more activities/training to help get people more involved with the club and trained for emergencies. Fourth, we want to have more publicity for the club and the museum. These are just a few of the changes. As the year goes by, I will write about them in more detail.

Let's make the year 2000 something special for the RCT. If you have any ideas or suggestions, drop me an e-mail. With teamwork we can do a lot of neat things. Till next time, 73, Alan

IN THIS ISSUE...

- ▶ COMING RCT PROGRAMS - Page 3
- ▶ ARRL NEWS - READ IT! - Page 4
- ▶ CONTEST CALENDAR - Page 8
- ▶ MUSEUM NEWS - Page 10
- ▶ VOLUNTEER TO ELMER TODAY!

RENEW YOUR MEMBERSHIP NOW!
Please fill out the member application (found elsewhere in this issue) and return to the club tresurer with your dues.
THANKS!

COMING SOON
TO A CLUB MEETING NEAR YOU

MINI FLEA MARKET

See page 3 for more details!

ON THE WEB www.w7dk.org Come see us!

RADIO CLUB OF TACOMA -- 1999

PRESIDENT	ALAN HUGHES	KB7SVU	840-4947
V PRESIDENT	MICK PIER	KK7QS	847-8223
SECRETARY	NORA SIMMONS	KC7JME	847-5124
TREASURER	CHUCK SOUTER	KA7HJN	863-2650
BOARD (5)	AL BURLESON	K7HW	
	WORTH GURLEY	W7WG	582-3844
	MOREL GUYOT	W6LIX	838-5433
	GEORGE NOBLE	KK7FM	756-1127
	ED ROOT	KC7OKS	851-7463
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PHOTOGRAPHER			
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COMPOSITOR	KATHLEEN NACE	NØEYK	209-5624
PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call a club officer to pass on the word to the appropriate person(s).

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.28 / .88 MHz **144.97 - Packet**
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Randy Myers, WB4SPB RCT #2050
3219 n 28th St
Tacoma, WA 98407-6211 253-761-9391
randy@echolake.com

Vern Hase, KD7GTZ RCT #2051
9235 Phillips Rd SE
Port Orchard, WA 98367-9511 253-857-6936
vernhase@bigfoot.com

William D Hill, KD7GUA RCT #2052
PO Box 112042
Tacoma, WA 98411-2042

Garfield R Klinger, KC7LZI RCT #2053
6015 89th St E
Puyallup, WA 98371-6291

Reinstatements

Address/Phone Changes/Corrections

E-Mail Address Changes/Additions

Mick Pier, KK7QS change e-mail to kk7qs@k7pp.com

John F McAllister, W7MSR e-mail is w7msr@juno.com

Roy Myers, WA7UZL e-mail is opamyers@gateway.net
or opamyers@tacomaclick.net

New Calls/Upgrades

Tom Jonez was KD7FNG and is now K7TDJ, Advanced

Ray Carlson, was KJ7SM and is now W7RDZ

Al Churchill, KC7YGC Amateur Extra

Silent Keys

Edward W Robinson, K7VUA

ADDRESS CHANGES

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to Shirley, N7QHW, @ 253-265-3661.

COMING PROGRAMS AT RCT



JANUARY 12th - ELECTRONICS IN ROCKETRY - Chris Scott from Gig Harbor will speak about electronics applications in rocketry. He will be discussing altimeters, magnetic detection devices, radio transmitters, accelerometers, and video. He will demonstrate some of these devices and bring a rocket or two. Chris is launch director for monthly rocket launches in Monroe and treasurer of a local rocket club.

JANUARY 26th - MINI FLEA MARKET - Bring items to sell (and money to buy!).
Please no "boat anchors" or items that will scratch the tables. Small inexpensive radio devices and accessories are best. No limit, but remember table space will be limited so use good judgement on the quantity to bring. All items must be marked with an asking price before being displayed.



Your Ad Could Be Here!

Call, Shirley, N7QHW at (253)265-3661 for info.

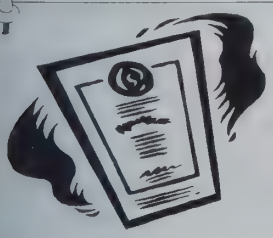
*** FOR SALE ***

HALLICRAFTERS SX 110
Receiver with service manual and speaker
$75 or best offer
Call for more information or to buy
Ben Peterson 1-253-863-7330

PINOCHLE



PINOCHLE & POTLUCK
Saturday, January 8th, 7 PM
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898



FIRST CONTACT AWARD

Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First Contact Award will be issued.



◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet and other sources.



W7BUN

FCC TURNS AWAY HAMBAND BROADCASTING PETITION:

The FCC has turned down a request by Michael R. Reynolds, W0KIE, to permit amateurs to make one-way transmissions intended for reception by the general public on Amateur Service frequencies above 420 MHz. Reynolds had said that, if adopted, his proposal would provide new opportunities for noncommercial, community-oriented radio and additional diversity on the radio dial. He also asserted that Amateur Service frequencies above 420 MHz are "seriously underutilized."

The FCC dismissed the petition November 18. The FCC said that the Amateur Service was not intended to be used for broadcasting, that authorizing broadcasting in the 420-450 MHz band could cause harmful interference to other stations that share the band with amateurs, that the band is well-populated with repeaters, and that 420 MHz is the lowest amateur frequency available for spread spectrum and ATV.

NEW AMRAD LF BEACON ACTIVATED:

A second experimental low-frequency beacon is on the air from Northern Virginia. The WA2XTF/12 beacon on 136.745 kHz is a part of the Amateur Radio Research and Development Corporation's experiments to gain LF experience in anticipation that the FCC may allocate an amateur band at 136 kHz and/or 170 kHz. (ARRL petition was designated RM-9404.)

The new beacon at the QTH of Ted Seely, AA4GM, near Front Royal, Virginia--one of 12 WA2XTF sites--features a 175 W transmitter feeding a 1600-foot horizontal antenna. It transmits a continuous CW message at 5 WPM.

The WA2XTF/12 beacon setup employs an "Earth bipole" style antenna that's grounded at both ends. The shorter leg consists of 100 feet of wire and the longer leg is some 1500 feet of wire stretched horizontally about 20 feet above the ground. Two large coils were inserted in series with the longer wire--one at the transmitter end, the other near the pond end--to bring the antenna into resonance at 136.750 kHz.

Reception reports may be sent via e-mail to André Kesteloot, N4ICK, n4ick@amrad.org. Further information concerning the LF experiments is available at http://www.amrad.org.

(Breaking news update: The AMRAD WA2XTF/12, 136.745 kHz, LF beacon has been heard by VE3OT in London, Ontario. VE3OT reported that the signals were from 459 to 559 on his Drake R-8 with a 12 foot loop and homebrew preamp.)

"CQ 0.006 CQ 0.006 CALLING ANY DX CQ CQ 0.006..."

New 47-GHz North American distance record claimed: KF6KVG and W0EOM are claiming a new North American distance record on 47 GHz. On December 8, after some testing and waiting for the right day, W0EOM went to Mt Vaca, (CM88WJ) near Vacaville, California, and KF6KVG went to Loma Prieta Mountain (CM97BC), south of San Jose. They calculate the distance to be 137 km. At about 2:15 PM they acquired signals about 1 S-unit out of noise. Approximately 10 min later, KF6KVG found he was on a side lobe, and signals jumped up to S8 on both ends. Both used 23-inch dishes. Weather wa 50 degrees, humidity about 60 percent, and high clouds.

ARRL SEEKS PARTIAL RECONSIDERATION OF PRB-1 PETITION DENIAL

The ARRL will ask the FCC to partially reconsider its dismissal of RM-8763, the League's 1996 petition that sought to strengthen and clarify the limited federal preemption policy governing Amateur Radio antennas known as PRB-1. The League also agreed to fund a Florida antenna case with PRB-1 implications.

In its petition, the ARRL wanted the FCC to prevent states and localities from enacting provisions that frustrate the intent of PRB-1 or make it costly to apply fo permission to erect an amateur antenna. The FCC dismissed the petition in its entirety November 19 and indicated it was unwilling to go beyond what is already spelled out in PRB-1. "We continue to believe that the standards the Commission set, that is 'reasonable accommodation' and 'minimum practicable regulation', hav worked relatively well," the FCC said.

ARRL President Rod Stafford, W6ROD, has appointed a committee to study how the ARRL provides support for antenna cases.

CHARLES J. "CHOD" HARRIS, WB2CHO, SK

Former ARRL HQ staffer and CQ magazine DX columnist Charles J. "Chod" Harris, WB2CHO/VP2ML, Santa Rosa, California, died December 8 of complications from a severe heart attack he'd suffered in early N vember. He was 50.

Harris took over as CQ DX Editor in July 1989. He was the third member of the CQ family to die this year. CQ Editor Alan Dorhoffer, K2EEK, passed away July 19, and WAZ Award Manager Jim Dionne, K1MEM died October 12.

ARRL INSURANCE CHANGES

ARRL insurance administrator changing name: A.H. Wohlers and Company, which has administered th ARRL Ham Radio Equipment Insurance Program for many years, is getting a new name, but the insurance program remains the same. The company will become known as Seabury and Smith, but incorporation of the

new name won't be completed until the middle of 2000. Personnel, management, location and telephone numbers will remain the same. For additional information, contact Seabury and Smith, 1440 N Northwest Hwy, Park Ridge, IL 60068; toll-free 800-323-2106; http://www.wohlers.com/; cusv@ahw.com. For information about the ARRL "All Risk" Ham Radio Equipment Insurance Plan, visit http://www.arrl.org/field/regulations/insurance/equipment.html

FCC INTERVENES IN POWER LINE NOISE COMPLAINTS

Taking a new direction in a power-line interference case, the FCC has contacted a West Coast power company to remind the utility of its obligation to fix equipment problems that cause harmful radio interference. The case involved longstanding complaints by several northern California amateurs to Pacific Gas & Electric Company regarding severe power line noise on the ham bands.

Under FCC Part 15, utilities and others that fall under its provisions are obliged to not cause harmful interference to licensed services and to cease operating a device that's causing harmful interference upon FCC notification. The FCC said that while it remains confident that utilities can resolve such interference issues voluntarily, its letter was intended as a reminder that the unresolved interference problem "may be a violation of FCC rules and could result in a monetary forfeiture for each occurrence."

The ARRL Technical Information Service has prepared a Web page, "RFI--Electrical and Power Line" for Amateurs suffering from interference believed to be emanating from power generation or transmission facilities also may contact Ed Hare, W1RFI, 860-594-0318; rfi@arrl.org.

FCC DISMISSES FIVE MORE AMATEUR RADIO-RELATED PETITIONS

The FCC has turned down five more Amateur Radio-related petitions, including three filed by the ARRL. The FCC consolidated the dismissals into a single Order, released November 29. Among the five was a petition filed last spring by the Central States VHF Society. That petition, designated RM-9673, generally sought more restrictive regulation of the modes used by amateurs in the 6 meter, 2 meter, 1.25 meter and 70 cm bands.

The three ARRL petitions dismissed were RM-9259, filed April 3, 1998, asking for an FCC declaratory ruling to equate observance of voluntary band plans with "good amateur practice"; RM-9115, filed March 12, 1997, seeking to permit RACES participants and others to intercommunicate during emergencies, drills and tests and to expand the time allowed for RACES drills; and RM-9106, filed March 12, 1997, asking the FCC to permit stations in the Territory of American Samoa to transmit on 7.1 to 7.3 MHz as a domestic exception to the International Table of Frequency Allocations.

The FCC also dismissed a petition filed March 19, 1997, by James Cardillo-Lee, KE6VGV, asking for a rule change to permit hams who also are emergency personnel engaged in disaster relief to use the Amateur Service bands while on paid-duty status.

ANNOUNCEMENTS

Want to UPGRADE?
Check with Jerry, W7BUN, about his workshop series that will help you "make it happen".

NEED HELP with some aspect of amateur radio? Check the Elmer Board found on page 9 in this issue.



ARRL MEMBERSHIP

If you haven't joined or rejoined the ARRL, please do so through the Radio Club of Tacoma! The ARRL is the major voice for Amateur Radio in the US and, besides providing a wealth of information to its members, they provide us with a voice in Washington to help protect the interests of all amateurs. Additionally, RCT is an ARRL Special Service Club and RCT needs to have at least 51% of its members belong to the ARRL to retain its Special Service Club status. See the Treasurer for application forms, and bring your ARRL renewal notices and rejoin through the club. The club receives a commission for each new or renewed membership sent through the club.

JOIN TODAY!
See our club treasurer for details.

SPECIAL SERVICE CLUB

ARES/RACES

By the time you read this, the holidays will be past for 1999 and we will all have survived the Y2K whatever and will be in the doldrums of January. We certainly got our wake up call in December with all the rains and flooding all over the state. La Nina is back!!! It is predicted to be a higher than normal moisture winter again and it could be snow or rain.

Please remember in times of inclement weather to tune into 145.37 repeater and see if anything is happening. If help is needed, please jump in with your call and volunteer to help. Don't wait for the phone to ring, just get on the air and volunteer.



I heard on the news that the State EOC was operational for the flooding that took place in December so that is another area of need. Contact Bob Tilley, KB7NBQ, at 253-875-0755 and volunteer. March starts our very busy Public Service Events months so stay tuned and we'll list as many as we know so you can decide which one or ones you can help us with. We always need lots of volunteers so please consider helping. Remember as a member, we feel it is essential that each person participate in at least one event or drill each year.



N7QHW

Remember to check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Alan, Bob or Shirley.

Do you want to get involved? Simply contact Alan Hughes, KB7SVU, at 253-840-4947 and let him know.

73 Shirley, N7QHW

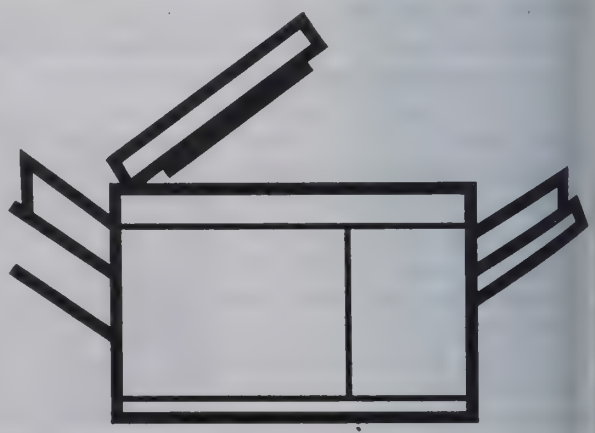


PUBLISHING ANYONE?

Well, here we are again, ready to start a new year. The radio club had a successful year with its major projects. We had good turnouts for field day and ham fest. We certainly, as a club, should strive to make the new millennium even more successful. I think with a little support we can make this club fun and an asset to everyone.

To start out the new year, we have formed a committee to fund a copier for the club. The copier would be capable of printing the BARK. Also the copying for the classes could be done right at the clubhouse. The committee intends to raise enough money to purchase the machine and the supplies. We will start and maintain an account for this purpose. We will keep the membership up to date with our progress with a chart.

I will head the committee. I also have agreed to purchase the copier and all the supplies at wholesale. I will provide the labor to maintain the machine for the club at no cost. We are going to need about $1400.00 to get started. We have a long road ahead of us, but I think we can work together and make this happen. Please look deep and see if you can help. Contact Mick Pier, KK7QS, at (253)847-8223 or mail donations to 908 187th St. E. Spanaway, WA 98387. You can also e-mail me at kk7qs@k7pp.com.



In closing I'd just like to say -- Hope you all have a very good year, and find it in your heart to give a little time to your club.

"73" Mick, kk7qs

MEETING MINUTES

Radio Club Of Tacoma
General Membership Meeting
24 November 1999

The meeting was called to order at 7:30 PM by the Vice President Mick Pier, KK7QS. The flag salute was led by Morel Guyot, W6LIX, and the introduction of everyone attending followed.

Program: Carroll Rusk,N7TRA, presented a program on FISTS. It is a group that is devoted to the preservation of Morse Code.

Classes: Jerry,W7BUN, needs two more people for the General Class.

Hints and Kinks: 17 meters was open. Al, KC7YGC, contacted people in Calif., Nebraska, Wisconsin, and Michigan.

The meeting adjourned at 8:30 PM
Respectfully submitted,
Nora A. Simmons,KC7JME, Secretary
Radio Club Of Tacoma



Radio Club Of Tacoma
Board Meeting Minutes
1 December 1999

The meeting was called to order at 7:30 PM by the president Alan Hughes, KB7SVU. The Board Members attending were Ed Root, KC7OKS, Morel Guyot, W6LIX, Worth Gurley, W7WG, Al Burleson, K7HW, Mick Pier, KK7QS and Nora Simmons, KC7JME. The guests were Rich Manson, N7ANF, Bob Hager, W7SKI and Hal, W7EC.

No Treasurer's Report
No Correspondence
No Committee Reports

There will be a budget put together for next year. It will be ready for the Board Meeting in January and will be published in the BARK.

ARRL: Restructuring of the License Classes is due by Jan. 1, 2000.

A chairman is needed for the **Flea Market.** The Flea Market will be at the Pierce County Fairgrounds the weekend of Sept. 8 & 9, 2000.

Old Business: The batteries brought for emergency use cost $50.59. A motion was made, seconded and passed to refund Al, K7HW, the amount of $50.59. A cement pad and a small building will be built on the northeast corner of the clubhouse for the batteries.

Some suggestions were made such as keep business part of meeting as short as possible and the rest of the time for a social get together among members. On first Saturday of the month have a swap and shop at the clubhouse.

Publicity for Field Day: Contact News Tribune to get the date in the paper.

Good of the order: Mick, KK7QS, can get a copier for the clubhouse at wholesale price. He will provide service for the copier. A motion was made seconded and passed to ask club members to donate $10 each to a fund for the copier. Mick, KK7QS, will head thefund.

Meeting adjourned at 8:30 PM.
Respectfully submitted,
Nora A. Simmons, KC7JME, Secretary
Radio Club Of Tacoma
Alan Hughes, KB7SVU, President



Radio Club Of Tacoma
General Membership Meeting
8 December 1999

The meeting was called to order at 7:30 PM by the President Alan Hughes, KB7SVU. The flag salute was led by Jerry, W7BUN, and the introduction of everyone attending followed.

No Correspondence:
No Treasurer's Report:

Program: Power Line Noise and Cures -- Jack Talmadge, an independent consultant to the power companies, presented the program.

Training: There will be a class at McChord on the weekend of February 26th and 27th for the Civil Air Patrol. Members from our club are volunteering to be instructors.

Membership: Fifty-six members have renewed for the year 2000.

There is a correction to the board meeting minutes of December 1, 1999. It was Alan Hughes, KB7SVU who was to be reimbursed the amount of $50.59 not Al, K7HW.

There is a fund being started for a new copier for the clubhouse. Anyone who wishes to donate, please contact Mick, KK7QS.

Good Of The Order: Mac, W6NBD, is sending slow speed code on 147.38 every night at 8:00 PM.

The meeting adjourned at 9:00 PM.
Respectfully submitted,
Nora A. Simmons, KC7JME, Secretary
Radio Club Of Tacoma

Editor's Notes

de NØEYK

E-Mail address:
kathleen@naceplace.com



Roger and I hope that everyone had a blessed Christmas and that we all have survived all the Y2K hype! We are going to get the motorhome fuel tank filled before the end of the year—just in case!

Now that Christmas is over we are in the process of getting travel ready. We will be leaving for warmer climes in mid January. We will be spending the majority of 3 months in the Phoenix area, with side trips to TX and CA.

Our Elmer Board needs more volunteers willing to share time and knowledge with those in need. 4 people is still a pretty poor representation of a club of our size! Sign up now! Spread the work/fun out a little!

Keep supporting amateur radio and our club! See you next month. 73, Kathleen

RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.
SIZES Small through XL ARE $39, XXL ARE $46 AND XXXL ARE $52.00.
GET ONE NOW!
Call Shirley, N7QHW, at 253-265-3661, to order yours today!

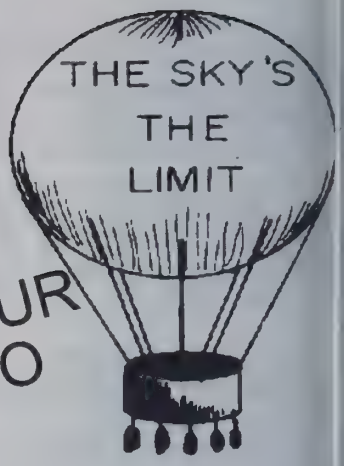
Radio Club of Tacoma License Exams

JANUARY 11, 2000

7 PM RCT Clubhouse
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.65. For information call:
Shirley Murphy, N7QHW @ 253-265-3661
Fee as of Jan. 2000 – $6.65

DECEMBER CONTESTS



1
ARRL Straight Key Night
PSK31 Millennium Contest
SARTG New Year RTTY Contest
Y2K QRP Contest

7-9
ARRL RTTY Roundup
Japan International DX Contest, CW
YLRL, Meet the Novices & Technicians Da
North American QSO Party, CW

15-16
North American QSO Party, phone
2000 CW QRP Contest

22-24
ARRL January VHF Sweepstakes

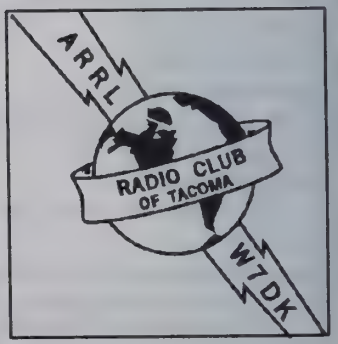
28-30
CQ WW 160-Meter DX Contest, CW
REF French Contest, CW
YL International QSO Party, CW
Kansas QSO Party



Want more info, check
www.arrl.org/contests

RADIO CLUB OF TACOMA

W7DK



AREA SWAP MEETS

...and in the year 2000...

March 11	Mike & Key Fleamarket, Puyallup, WA
Apr 8	Lilac City ARC, Spokane, WA
May 19-21	ARRL National Convention, Dayton, OH
June 1-4	NW Division Convention, SEAPAC, Seaside, OR

SCHEDULE YOUR SWAPMEET VISIT

ELMER BOARD

Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members area their areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment

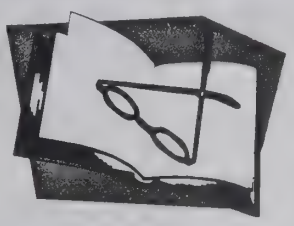
Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Frank, AB7YZ	253-752-8520	2,3
Roger, WA7ANJ	253-475-4293	1,2,3,4,7,8,11

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the board!

(Ed. Note – Every month since the elmer board has existed, we have lost at least 1 elmer We need more volunteers on the elmer board. Please add your name to the list!)

Amateur Radio Exams

in the Puget Sound Region as of November, 1999



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Thursday - 7:00 PM, **Bonney Lake** Library,18501 90th St East – Contact Roxann Holwege, AB7HO, at 253-862-8905

1st Saturday - 1 PM - Boeing **Kent** Rec. Center, 22649 83rd Ave So, Room "C", - Contact Rick Antes, KF7VG, 425-277-2220, Des Moines

2nd Tuesday - 7:00 PM - Radio Club of* Tacoma *Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 360-456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Denny's Restaurant, #3 13100 48th So., Contact Mary Lewis, W7QGP, 206-523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 Tobin Street - Contact Mike Dinkelman, N7WA, 253-854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 360-793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

3rd Saturday - 10 AM - **Shelton** - Shelton Airport - Contact - Dick Bostrom, N7LD, 360-426-4627, Shelton

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 360-456-5571, Olympia

4th Saturday - 10 AM - **Everett** - Everett Housing Authority - 14th and Popular - Contact Loren Hole, KK7M, 425-335-5158, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Walt Winters, AA7TL, 360-692-8326, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - 253-845-7652

MUSEUM MUSINGS

...with Worth Gurley, W7WG



...a dark and stormy night... Is that Worth or Lou with the umbrella over the clubhouse

It was a dark and stormy night and in the Radio Club of Tacoma Museum there arose such a clatter... well, in some English class I was told that only Snoopy could use those trite phrases and now he and Charlie Brown are going heavenward to Cloud number 9 – up between the F1 and E2 ionospheric layer or beyond. Unfortunately, it truly is dark and stormy... and for the "clatter" Lou Simmons - or his spirit - is madly trying to straighten up the Antiques' mess on those beautiful, formerly gleaming, operating-display-repairing benches upstairs and down which he so lovingly crafted.



...Careful Lou...

The ancient receivers and transmitters have been residing more or less peacefully with each other and tolerating newer, middle-aged equipment, only recently attacking each other electro-magnetically in the case of a slightly ailing downstairs Yaesu bashing in the front end of a limping upstairs Kenwood. "Company-of-origin discrimination" is not believed to have been a factor in this violent attack.

Their estimated ages range from a beautiful receiver full of honey-combed coils, variometers, and huge tappe coils wound with cloth-insulated wire on bakelite forms covered with shellac, name-plated as 1918 (the year of origin c one of the antique operators)... to an attractive (early-1930's) oak-racked, home-constructed transmitter with 59 oscilla tor, 10 buffer, 801 final, CW rig. This one is potentially modulated by push-pull 10's and it was donated by a Submariner member of the North Kitsap Amateur Radio Club who found it in the discard area of the Keyport Naval museum. There are many Hallicrafters receivers, such as Sky Buddy, Sky Champion, SX-28 and more, including a Patterson PR-10 of the mid-30's, a couple National SW-3's (regenerative detectors), and several Heathkit rigs from several eras The newest rigs are the fore-mentioned warring Yaesu and Kenwoods which are partially solid state as well as a sma early all solid-state Atlas. There are parts of a spark or arc transmitter, which is rumored to have been part of an ope ating demonstration in the old, pre-renovation Museum.

Under the call W7OS (in memory of Dr. Clifford J. Spike, a founder of the Club) the "Old Oak Rig" has contacted several station with its old-time, chirpy signal due to the tube-era expertise of Antique Operators Morel, W6LIX Mac, W6NBD, and my, W7WG, "Worthless" advice, all born in California and all licensed in early and mid-1930's. (Just don't ask them for any solid-state advice! "Digital" to them means using your own "digits" to pound a key or manipulate a bug!) The operation of the Old Oak Rig has been successful because of the two old-style antennas: a real "Zepp" (end-fed half wave with open-wire line using special spacers) and a higher 80 Meter half-wave dipole fed by zepp-style, about 6" spaced, tuned feeders: used on harmonics on 20 Meters and above. The higher antenna is use as a flat-top working against lower antenna as a counterpoise on 160 meters with excellent reports using the TS520S

Including Al, KC7YGC (very recently Extra-classed), Lou, KB7WBD, Peter, Bud of BUD, "Antique-in-Training" Ed, Rich, N7ANF, and several others the antique group held the attention of the NKARC up in Poulsbo, the FWARC in Federal Way, 3 years at the North Kitsap Amateur Radio Flea Market (NKARC) in Silverdale, and entertained the amateur radio group from Port Angeles area with the antique radio equipment in our own RCT Club House. We found, over time, much of the equipment, which worked at the Club House, refused to operate in front of an audience and we had to rely on our Early Days stories and the golden tongues of our accompanying antique apprentices to keep the show going. We plan to invite more visitors to view the museum at the clubhouse itself. There they can see the excellent W7DK, the attractive classrooms, the emergency set-up and talk with other Club members.



Put your artistic/ crafty talents to work in our Museum.

So we need more help in making the Museum displays more attractive and museum-like. We need more technical help in getting further tube and mixed equipment operating, and we need many stories about the history, not only of the original museum, but also of the Club itself. Keep those stories, articles, and pictures coming. Then our Antiques, on and off the shelves, electronic or breathing, real or in training, can rest in peace.

VOLUNTEER TODAY — HELP MAKE OUR MUSEUM A SHOWPLACE!

ADIO CLUB OF TACOMA
) BOX 11188
ACOMA, WA 98411-0188

[ ] NEW MEMBER (ONE APPLICATION PER MEMBER)

[ ] RENEWAL (ONE RENEWAL FORM PER FAMILY OK)

MBER CATEGORY: [ ] FULL [ ] SENIOR [ ] ASSOCIATE [ ] FAMILY [ ] LIFE [ ] STUDENT [ ] REINSTATEMENT

me_____ Call_____ Class_____ Birthday_____

ldress_____City/State_____

p+4_____Home Phone(____)_____ Work Phone(____)_____

mail _____Publish phone number/e-mail in the Club Roster? Yes [ ] No [ ]

rmer Call(s)_____

e you a Volunteer Examiner Yes [ ] No [ ] If Yes, which VEC_____

cupation (or former occupation)_____ Employer_____

e you a member of: ARRL [ ] ARES/RACES [ ] MARS [ ]

AMILY MEMBERS NAME, CALL, AND LICENSE CLASS (RENEWALS ONLY)

_____

_____

_____

THE RADIO CLUB PARTICIPATES AND SUPPORTS THE FOLLOWING ACTIVITIES EACH YEAR. PLEASE MARK THE BOX IN ONT OF THE ACTIVITY OR ACTIVITIES THAT YOU WILL HELP SUPPORT. WE URGENTLY NEED YOUR HELP AND SUPPORT, EASE CONSIDER AT LEAST ONE ACTIVITY THAT WE CAN COUNT ON YOU TO SUPPORT.

] AWARDS BANQUET
] FIELD DAY
] FLEA MARKET
] BOOTH AT THE WWA FAIR
] SWEEPSTAKES IN NOVEMBER

[ ] VE TEAM
[ ] LOGGER'S BARK MAILING PARTIES
[ ] TEACHING CLASSES
[ ] SCOUTS JAMBOREE IN OCTOBER

[ ] ARES/RACES
[ ] N KITSAP FLEA MARKET
[ ] OTHER MISC CONTESTS
[ ] MIKE & KEY FLEA MKT

ther hobbies, expectations, comment:_____

o you own a computer? Yes [ ] No [ ] If so, what type?_____

ow did you hear about the Radio club?_____

even dollars ($7.00) of your annual dues is the subscription fee for the Club's monthly newsletter(The Logger's Bark).

ub badges are available for $9.00. If you would like a badge, please PRINT the following:

Badge Name_____ Badge Call Sign_____

pplicant's Signature_____ Date_____

NNUAL MEMBERSHIP DUES: FULL OR ASSOCIATE MEMBER $30
FAMILY MEMBER (AT SAME ADDRESS, FIRST TWO) $15 EACH (ALL ABOVE 2 ARE FREE)
SENIOR MEMBER (65 AND OVER) $25 FULL-TIME STUDENT (UP TO AGE 25) $15
LIFE MEMBERSHIP = 20 TIMES ANNUAL DUES (PAYMENT PLAN AVAILABLE)

OR RCT USE ONLY

Dues received $_____ Treasurer's initials_____ Date_____
Badge fee rcvd $_____ Treasurer's initials_____ Date_____

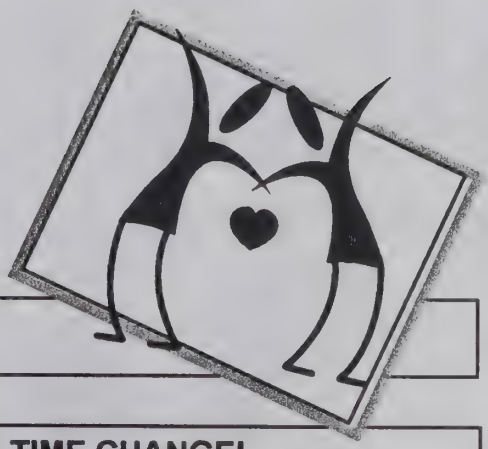
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acoma, WA 98411

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ETURN SERVICE REQUESTED

COMING EVENTS



EB 2 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

EB 5 - Pinochle Potluck – 7 PM at the Clubhouse

EB 8 - License Exams - 7 PM - Clubhouse

EB 9 - Club Meeting - Library Administration Center, 7:30 PM
Program: ***ZL9CI - CAMPBELL ISLAND 1999***

EB 15 - BARK deadline (please be as on time as possible!)

EB 23 - Club Meeting - Library Administration Center, **7:45 PM NOTE TIME CHANGE!**
Program: ***Judge Greg Milnes, W7OZ, the ARRL Northwestern Division Director***
See Programs on page 3 for more info.

- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- **See page 3 for meeting program schedule.** Check the weekly net for updates to the program schedule.

NO CODE TECH CLASS - FEB. 5th + 6th - at the club house

HAPPY VALENTINE'S DAY!

February 2000

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R *CLIVE KC7ZLF	2 7:30 PM RCT BOARD MTG *JOHN K7ASZ *RICHARD WF7A  GROUND HOG'S DAY	3	4 *DICK KB6PWR  NEW MOON	5  9:00 AM OPEN HOUSE 7:00 PM PINOCHLE, POTLUCK N AMERICAN SPRINT-PHONE
6 *BILL N7TEZ *CAROLYN WV7Q *RUSS KC7IBX N AMERICAN SPRINT-PHONE	7 *DON KD7DON *VAL N7VGO	8 7:00 PM ARES NET 145.37R 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R *PHIL G4UFH	9 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD	10 *RICH N7ANF	11	12  9:00 AM OPEN HOUSE N AMERICAN SPRINT-CW
13 *KARYL N7KWF N AMERICAN SPRINT-CW	14 *MARK N7FIT  HAPPY VALENTINES DAY	15 7:00 PM ARES NET 145.37R 7:00 PM MVWS LICENSE EXAMS 7:30 PM RCT NET 147.28R  BARK DEADLINE	16 *CARROLL N7TRA *KARL KC7PAI	17	18 *PETE N8PSJ *ROBERT KB7GTE  FULL MOON	19  9:00 AM OPEN HOUSE *DONNA *OLIVER W7WIA ARRL INTERNATIONAL DX
20 ARRL INTERNATIONAL DX	21 *PAM KC7AZV  PRESIDENT'S DAY	22 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R *TRESSIE KC7BAL	23 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD	24 *GERALD KD7CZN *JOHN N7JFM	25 *MICHAEL KD7BAE	26  9:00 AM OPEN HOUSE *PAUL N7WGV
27 *EDWIN KC7OKS	28	29 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R  SADIE HAWKINS DAY BEWARE!!				

January 2000

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March 2000

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THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXVII NR. 2 | W7DK | FEBRUARY 2000

FROM THE PRESIDENT

Greetings at the start of the new year. We made t into the New Year with out any major problems. I want o thank all the RCT members who helped out by spending New Year's manning radios where needed. The club house was manned by Pete to start the generator in case he power went out. The only problem that I heard about vas at the Puyallup EOC, which was man made, not caused by Y2K. It seems that when they moved the radio oom into the new EOC they just added coax instead of erouting it. Also all the coax ends were not soldered on ight. When we have a dry day all the coax will have to be edone.

If you haven't heard, one element of the beam at he club house broke off during the wind Jan 8. The beam s still usable - just check the SWR. I believe I might be able to repair it without taking it down.

In my last article I talked about some changes to ake place this year. Well, the changes started at the Jan oard meeting. Each board member now has a job to do. They were given an area to work with, to get a committee nd chairman going, come up with ideas and implement hem. The board member assigned is not the chairman or the person to do all the work. They are only the liaison. Here is a list of who got what.

Long range planning is George Noble KK7FM
Education and Training is Al Burleson K7HW
Technical interest is Rich Manson N7ANF
Facilities is Al Churchill KC7YGC
Public Service & Publicity is Worth Gurley W7WG

I believe that one of the first thing the club needs is publicity. If the public knows about more about us and how we can be of service to them, then we can get grants and cash donations to improve the club house and support other club activities. All of our events need to have an article about them in as many papers as possible. The club needs to give demonstrations at schools, clubs and at public functions.

If anyone wants to help in any of these area, just let the board member liaison know.

Till next month, 73. Alan

VOLUNTEER TODAY!

RENEW YOUR MEMBERSHIP NOW!
Please fill out the member application (found elsewhere in this issue) and return to the club tresurer with your dues.
THANKS!

IN THIS ISSUE...

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- CONTEST CALENDAR - Page 9
- MUSEUM NEWS - Page 10
- NEW LICENSING SYSTEM - Page 7

ON THE WEB www.w7dk.org Come see us!

RADIO CLUB OF TACOMA – 1999

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PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call a club officer to pass on the word to the appropriate person(s).

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.28 / .88 MHz **144.97 - Packet**
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Eugene H Neugent, No Call — RCT # 2054
3623 128th St E
Tacoma, WA 98446-3213 — 253-537-4291

Reinstatements

Address/Phone Changes/Corrections

Garfield R Klinger, KC7LZL — RCT #2053
e-mail is jklinger@juno.com — 253-864-0380

Dan Burgess, KC7KAN
Shelley Burgess, W7ATB
e-mail is BIG1DAN@aol.com

Bud Mitze Jr., K7BUD
6710 81st St SW
Tacoma, WA 98499-2517 — 253-752-3155
e-mail is k7bud@juno.com

Roger Nace, K8RN
Kathleen Nace, NØEYK
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roger@naceplace.com
kathleen@naceplace.com

Stephen Becker, KC7EUB
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Tacoma, WA 98404-1442

David Llapitan Jr., KG7OP
1809 31st Ave SE
Puyallup, WA 98374-5137

Rudy Valor, N7CJM
4610 6th Pl SE #338
Puyallup, WA 98374

Pete Jones, N8PSJ — Phone is 253-884-6839

E-Mail Address Changes/Additions

See PAGE 4 for the list!

New Calls/Upgrades

Al Churchill was KC7YGC; is now AC7BU

Silent Keys

Richard Delin, W7VAP (died December 1999)

COMING PROGRAMS AT RCT

FEBRUARY 9TH - *ZL9CI - CAMPBELL ISLAND 1999* - The complete story of the January 1999 DXpedition to Campbell Island, and the record breaking team that activated one of DXCC's rarest, and one of New Zealands's most remote subantarctic outposts, and achieved over 96,000 QSOs. Re-experience the pileups, and join the operators as they describe their one-month radio adventure down to the heart of the Southern Ocean. [**NOTE:** This meeting will be held in the small room - the first room on the left as you enter the Library Administration Building.]

FEBRUARY 23RD - *Judge Greg Milnes, W7OZ, the ARRL Northwestern Division Director* from Hillsboro, Oregon, will talk to the Club about the latest news in ARRL and FCC matters. Greg has served on the Planning Committee for Amateur Radio proposals for the next ITU World Radio Conference to be held in Geneva. He will discuss the latest information about the FCC's license restructuring rules and answer questions about the new amateur license examinations which will be implemented April 15th. [**NOTE: This meeting will begin at 7:45 PM**. Another group is using the meeting room until 7:00 PM, so please don't arrive too early - we don't want to disrupt their meeting.]



Your Ad Could Be Here!

Call, Shirley, N7QHW at (253)265-3661 for info.

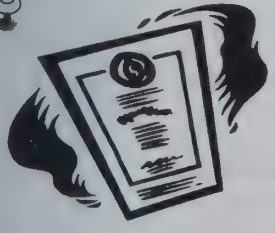
ADDRESS CHANGES

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to Shirley, N7QHW, @ 253-265-3661.

PINOCHLE



PINOCHLE & POTLUCK
Saturday, February 5th, 7 PM
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898



FIRST CONTACT AWARD

Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First Contact Award will be issued.

* FOR SALE *

Kenwood TS-830-S W/CW Filter $500.00
AT-230 Antenna Tuner $135.00
MC-50 Mike $50.00
SP-230 Matching Spkr w/filters $75.00

Contact Jack, W7IMW 253-564-3997

ARES/RACES

As you all know, Y2K went off without a hitch. A special thanks to those of you who gave up your New Year's Eve with your family and friends to man the fire stations, EOC's, and hospitals. If I missed a location, please forgive me. It takes a special group of people to give so much to their community so THANK YOU !!!!

It continues to be a need for you to remember in times of inclement weather to tune into 145.37 repeater and see if anything is happening. If help is needed, please jump in with your call and volunteer to help. Don't wait for the phone to ring, just get on the air and volunteer.



I don't have any difinitive Public Service Events and/or dates but stay tuned into the weekly net and remember, VOLUNTEER. We always need lots of volunteers so please consider helping. Remember as a member, we feel it is essential that each person participate in at least one event or drill each year.

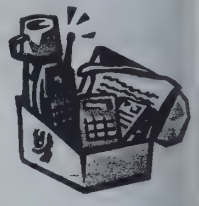




N7QHW

Alan, KB7SVU, needs volunteers to be trained for the Pierce County EOC. Call him at 253-840-4947 to volunteer. He also needs volunteers to help with making phone calls to schedule volunteers for events as they take place. This is an important job so please consider helping out. Again call Alan to volunteer.

Remember to check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Shirley, N7QHW.



Do you want to get involved? Simply contact Alan Hughes, KB7SVU at 253-840-4947 and let him know.

Thanks for reading this and 73 Shirley, N7QHW

E-MAIL CHANGES AND ADDITIONS



Ric Pradel, N7UFB
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Kirk Schroll, KC7UFY
e-mail is hnschrol@aa.net

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e-mail is baumanja@PLU.edu

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Alvin Campbell, KA7BIY
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Frank Emigh, W7YDS
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Jason Fallon, KA2YMZ
e-mail is fallon@wa.freei.net

John Martens, K7JWM
e-mail is k7jwm@aol.com

Frank Palmer, KC7YEF
e-mail is hamtalker@aol.com

Robert Schaefer, KC7RBB
e-mail is bobschaefer1233@yahoo.com

WANTED!



Late Edition of the Radio Amateur Call Book

1998 or earlier
Wants to pay !!!
Contact: Chuck Inge, N7ETC
at 360-876-3873

ARRL MEMBERSHIP

If you haven't joined or rejoined the ARRL, please do so through the Radio Club of Tacoma! The ARRL is the major voice for Amateur Radio in the US and, besides providing a wealth of information to its members, they provide us with a voice in Washington to help protect the interests of all amateurs. Additionally, RCT is an ARRL Special Service Club and RCT needs to have at least 51% of its members belong to the ARRL to retain its Special Service Club status. See the Treasurer for application forms, and bring your ARRL renewal notices and rejoin through the club. The club receives a commission for each new or renewed membership sent through the club.

JOIN TODAY!

See our club treasurer for details.

SPECIAL SERVICE CLUB

LOCAL BROADCASTING LEGEND RETIRES

The man who helped put several Tacoma radio-TV stations on the air is calling it a career. At age 84, Max Bice is retiring.

In 1938, Bice took his first job in Tacoma radio with KMO.

In 1948, he began a 25-year association with The News Tribune by designing and building KTNT-FM, now KBSG. Around 1950, he built KTNT-AM. In 1953, Bice put KTNT-TV, Channel 11, on the air. Later he helped establish Cable TV Puget Sound – the forerunner of TCI Cable of Tacoma, now AT&T Cable Services. He pioneered Radio Page of Tacoma.

Bice eventually became vice president and general manager of The News Tribune's entire electronics division.

Since 1973, he's run MB Communications, a broadcast consulting and marine electronics company. In 1987, he launched another radio station, the Peninsula School District's noncommercial KGHP-FM in his hometown of Gig Harbor.

What about all those Tacoma stations he built that have now moved out of town?

"I don't like it, but knowing the present business climate, it doesn't surprise me," Bice said. "I don't like much of the direction the broadcast industry is going, with all this consolidation. It's best for the bottom line, but not for the industry itself."

from The News Tribune, 10 January 2000

Editor's Note: Max Bice is W7AEA, longtime member of the Radio Club of Tacoma. Roger, K8RN, remembers Max, a busy executive, as always having time to elmer the young people in the club—Roger being one of those kids.

MEETING MINUTES

Back next month...I hope!



◈ News from the ARRL ◈

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet and other sources.



W7BUN

ENHANCED AMATEUR ENFORCEMENT ENTERS A NEW YEAR

As the new year gets under way, FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth hinted he might have to break bad on hard-core offenders this year. He explained that poor or lax FCC enforcement in the past led him to be more forgiving of rulebreakers during his first full calendar year in the enforcement chair. Now, those who persist in operating outside of the stated basis and purpose of Amateur Radio "are beginning to try our patience," he said. "I can't say we're going to be as compassionate this year."

Hollingsworth said he expected to continue his focus on incursions into the 10-meter band by unlicensed operators, especially as propagation gets better, and on equipment certification issues. "We're very concerned about the illegal equipment we see for sale at hamfests," he explained.

Overall, however, malicious interference remains "the basic problem," as he put it. "We're going to use the High-Frequency Direction Finding Center at Laurel [Maryland] more this year" to track down rulebreakers, he said. In addition, Hollingsworth now has enhanced monitoring tools at his Gettysburg office, allowing him access to the HFDF Center's 14 antenna fields plus VHF-UHF "pods" that can be moved around as necessary. "We have dial-in capabilities to all of our antenna fields and to the pods, so we can cover HF, UHF, and VHF anywhere in the country, right here from the Gettysburg office," he explained.

MISSISSIPPI TELEPHONE RFI CASE TABLED

A Mississippi ham arrested for interfering with his neighbors' telephone is breathing a bit more easily today. Bennie Stewart, KJ6TY, was arrested and charged September 10 after a neighbor filed a complaint with the County Justice Court. At the request of the County Attorney the court has ordered the case to be placed in its "inactive files."

Stewart's attorney had requested that the Justice Court throw out the complaint on the grounds that only the FCC had jurisdiction. The court had been considering the motion since last fall. The December 28, 1999, *Order* sending the criminal action to the inactive files maintained that the Justice Court "does have jurisdiction over the subject criminal matters, but that the state court's jurisdiction has been preempted by federal law".

QUESTION POOL COMMITTEE EYES FEBRUARY 1 RELEASE DATE

A revised Amateur Radio question pool that reflects the April 15, 2000, restructuring rules could be out by February 1. Chairman Ray Adams, W4CPA, of the National Conference of Volunteer Examiner Coordinators Question Pool Committee says the QPC is in "band aid" mode right now and will try to get "something usable into public domain for all three of the new written pools by February 1 or *very* shortly thereafter."

ARRL ASKS FCC TO RETHINK PARTS OF PRB-1 PETITION DENIAL

The ARRL wants the FCC to declare that its limited federal preemption policy known as PRB-1 applies to amateurs who live in areas governed by deed restrictions, covenants, CC&Rs, or condominium regulations just as it does to hams regulated solely by local zoning laws. In a *Petition for Reconsideration*, the League has formally asked the FCC to rethink its November dismissal of a 1996 ARRL *Petition for Rule Making*. That petition called on the Commission to expand and clarify PRB-1.

ARRL PURCHASES *COMMUNICATIONS QUARTERLY*

The ARRL has purchased the Amateur Radio technical journal *Communications Quarterly* from CQ Communications and will merge the publication with the League's technical journal *QEX*. The change becomes effective for subscribers starting with the March/April issue of *QEX*. The new combined publication initially will serve a joint readership of more than 7000.

KENWOOD ASKS FCC TO RULE ON "SKY COMMAND" SYSTEM

Kenwood Communications Corporation has asked the FCC either to declare that its "Sky Command" system complies with Commission rules or to waive applicable sections of the rules to make it legal.

The "Sky Command" system, which Kenwood has been marketing for about two years, lets the user control a fixed HF station via a pair of dual-band transceivers. Sky Command operates in full duplex, using a 70-cm frequency to transmit audio and control commands to a dualband transceiver at the remote station and a 2-meter frequency to transmit received audio via the remote station's Sky Command transceiver to the operator's transceiver. Sky Command's VHF link also includes a Morse code ID. At issue is Section 97.201(b), which limits auxiliary operation to certain frequencies above 222.15 MHz.

In its petition, Kenwood claims that the Sky Command VHF transmission link "should be viewed as merely providing third party communications" and not as part of an auxiliary link. The manufacturer says the VHF link complies with the rules because it only carries audio from the HF station receiver, is not involved with telecommand of the remote station, and is under the supervision of the control operator.

Comments on the Kenwood petition are due by January 31, 2000. Reply comments are due by February 14, 2000. Commenters should reference DA 99-2805.

QUESTIONS, COMMENTS, CONFUSION FOLLOW IN FCC's WAKE



Questions, comments, and some confusion have been the order of the day since the FCC finally dropped the other shoe on Amateur Radio restructuring on December 30. The FCC's momentous action--reducing the number of license classes to three and establishing 5 WPM as the sole Morse code examination element--has, at least for now, polarized the Amateur Radio community. It also promises to change the complexion of Amateur Radio as it enters the new millennium.

More than half of those responding to an informal poll on the ARRL Web site indicate they plan to upgrade during 2000. Demand for study materials in the past week suggests many amateurs will be hitting the books in the coming weeks.

After April 15, 2000, the FCC will only issue Technician, General, and Amateur Extra class licenses. Novice and Advanced licensees will retain current operating privileges and may renew indefinitely. The FCC's new licensing scheme simplifies and shortens the upgrade path from the ground floor through Amateur Extra. Applicants will only have to pass one Morse code test, and there are fewer written examinations and total questions.

In a significant step, the FCC has left it in the hands of the National Conference of VECs Question Pool Committee to determine the specific mix and makeup of written examination questions. Current Amateur Radio study materials remain valid at least until the new rules become effective in April.

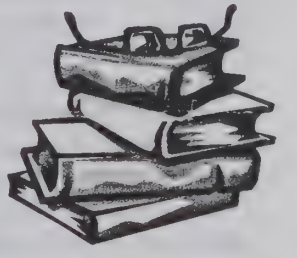
The nation's Volunteer Examiner Coordinators, including the ARRL-VEC, now are under the gun to meet the plan's April 15 implementation date. "The Question Pool Committee has been meeting by telephone and e-mail to get the updating process under way," said ARRL-VEC Manager Bart Jahnke, W9JJ. "It's anticipated that the QPC will put out a news release soon that indicates when the updated question pools will be available to the public." Jahnke said the revised question pools will be out "well in advance" of April 15.

No one loses any privileges under the FCC's new plan, and, with one limited exception, no licensee is in a position to automatically gain any privileges when April 15 rolls around. The FCC's action establishes the Technician license--with or without Morse code credit--as the entry-level ticket to Amateur Radio. Technician applicants passing the 5-WPM Morse code exam will gain current Tech Plus HF privileges. The current "no-code" Tech license will continue to be available. Technician applicants opting to not take the code test will gain current Technician VHF/UHF privileges. After April 15, 2000, the FCC will lump Technician and Technician Plus licensees into a single "Technician" database. Despite the name change, current Tech Plus licensees won't lose any privileges.

Similarly, current General and Amateur Extra class holders will continue to enjoy their current privileges. The FCC took no action to reallocate any amateur bands.

The new licensing regime has four examination elements: Element 1, the 5 WPM Morse code test; Element 2, a 35-question Technician test; Element 3, a 35-question General test, and Element 4, a 50-question Amateur Extra test. The new Amateur Extra test is expected to combine the important elements of the current Advanced and Amateur Extra examinations. Only minor changes are anticipated in the new General class examination. The new Technician exam likely will include some questions on HF operating from the current Novice test.

The new licensing plan created a lone and limited upgrade for those who held a Technician license or a *Certificate of Successful Completion of Examination* (CSCE) before March 21, 1987. Those individuals may claim credit for a new General class license. This is because there was a single Technician-General written test under the old system; only the code tests differed. The upgrade is not automatic, however. Affected individuals will have to apply through a Volunteer Examiner test session, complete Form 605, attach documentary proof of having completed the requirements for a Technician license prior to March 21, 1987, and pay an application fee, if any, to the VEC.



Judging from the questions coming into ARRL HQ, many hams want to know whether to upgrade now or wait for the new system. If you're either a Tech Plus or an Advanced licensee, there might be an advantage to taking an exam now. The FCC has told the League that current Tech Plus licensees holding a valid CSCE for Element 3B may apply for a General class upgrade when the new rules become effective. Likewise, current Advanced licensees holding a valid CSCE for Element 4B may apply for an Amateur Extra class upgrade under the new system. To be valid on April 15, 2000, any such CSCE will have to be dated on or after April 17, 1999. A CSCE is only good for 365 days. CSCE holders must attend a Volunteer Examiner session, complete Form 605, attach a valid CSCE, and pay any required application fee ($6.65 for the ARRL-VEC).

The reduced Morse code requirement hit a nerve with some hams who felt it "devalued" their upper-class licenses. Others, however, felt it minimized an unnecessary obstacle. The FCC said it believes a demonstration of Morse proficiency does not necessarily indicate an individual's "ability to contribute to the advancement of the radio art," as the FCC put it. The Commission also said it was not convinced that Morse proficiency had any particular value to emergency preparedness.

The reduction in the Morse code requirement was not entirely unexpected. Several other countries already have lowered their Morse code examination requirements, and some observers believe the Morse requirement will disappear altogether once it's eliminated in

the international *Radio Regulations*. The FCC said it opted for the "least burdensome requirement" as its sole Morse standard. While the 13 and 20 WPM code tests soon will be history, the FCC said, "provisions must remain in place for accommodating individuals with severe disabilities."

The Morse code issue is expected to be on the agenda of a future World Radiocommunication Conference. The FCC said it would not automatically "sunset" the Morse code requirement even if Morse code is eliminated from the international radio regulations.

Frequently Asked Questions on restructuring are available at
http://www.arrl.org/news/restructuring/faq.html/.
A copy of the entire *Report and Order* (FCC 99-412) is available at
http://www.arrl.org/announce/regulatory/wt98-143ro.pdf
or at
http://www.fcc.gov/Daily_Releases/Daily_Business/1999/db991230/fcc99412.txt.

Obtaining documentary proof of pre-1987 Technician ticket:

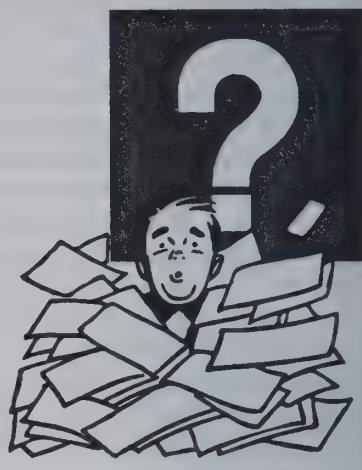
The FCC says to send any requests for verification of a pre-March 21, 1987, Technician license in writing to FCC, 1270 Fairfield Rd, ATTN: Amateur Section, Gettysburg, PA 17325. The request must include name, address, telephone number, date of birth, call sign issued at that time, and when the Technician license was granted (if exact date is not known, give the approximate timeframe). The FCC asks those inquiring to include *any* information that may be helpful in researching these requests, but it does *not* need to know details of the examination session, such as where the test was administered or who gave it. "These requests must be researched on microfiche, so they will be very time-consuming," an FCC spokesperson said, adding that no one should expect an overnight response. You also may contact the FCC contractor ITS Inc (visit http://www.itsdocs.com/). For a fee, ITS will research prior FCC licensing records and should be able to provide necessary documentary proof.—*FCC*

QRZ.com offers look-up service for pre-1987 Techs: In response to numerous recent requests by amateurs seeking to obtain information regarding licenses that existed before 1987, QRZ has placed a copy of the March 1993 edition of the *QRZ Ham Radio CDROM* Ver 1 on line for public access. This collection, the oldest available from QRZ, contains listings of more than 195,000 licenses issued between 1983 and 1987. Call sign and name searches are available. Visit
http://www.qrz.com/search1993.html



FCC FORMS

Which one should I use?



Here's a table on how/when to use which form as published by the ARRL VEC:

NCVEC Form 605: Exams or for ARRL members only, any modifications or renewals processed through ARRL VEC, or for a fee, any modifications or renewals processed through the W5YI Group. This form cannot be mailed to FCC.

FCC Form 610: Exams, or any modifications or renewa requested from FCC, until 2/16/2000, including Vanity re quests and Physician's Certification of Disability Code E emptions.

FCC Form 610-B: Until further notice, this is the only ap plication form available for Club/Military Recreation/ RACES modification or renewal, or for new clubs. Appli cation can only be made by mail.

FCC Form 610-V: Vanity requests can still be made by mail using this form until 2/16/2000.

ULS & Amateur Registration: The FCC implemented the Universal Licensing System for the Amateur Service on August 16, 1999. At that time one of the additional requirements ALL applicants had to meet was the supply ing of their Taxpayer ID Number (for individuals who are US Citizens, this is their Social Security Number). Clubs and clubs trustees are also required to supply a Taxpaye ID Number (TIN) with club license applications, but FCC says now that clubs or club trustees are to contact FCC and obtain an FCC-Assigned TIN or ATIN (to get an ATIN, contact FCC Tech Support weekdays at 202-4104 1250). ULS has been promoted as a system whereby more and more FCC licensees file their applications elec tronically, reducing further the FCC's burden in handling paper applications. ULS Registration is Automatic for New License Applicants and Upgraders. ULS is accessi ble on the FCC website via http://www.fcc.gov/wtb/uls/. This site is where ULS registration is accomplished. Als at this site is the instructions for "Getting Connected to ULS" to actually make on line updates to your record. This site also provides for on line Application Searches License grant summaries, when necessary.

Editor's Notes

de NØEYK

E-Mail address:
kathleen@naceplace.com



Here we are in Puyallup... PUYALLUP??? Yup, it is almost the end of January and we are still here, enjoying some of the winter sunshine. Roger's mom had to have 2 surgeries in mid January, so we needed to be here. But we are hoping to leave in a few days to check the winter sun in other places! Mom's surgeries were finally successful and she is on the slow road to recovery.

Our Elmer Board needs more volunteers willing to share time and knowledge with those in need. 4 people is still a pretty poor representation of a club of our size! Sign up now! Spread the work/fun out a little!



Keep supporting amateur radio and our club! See you next month. 73, Kathleen

ON THE ROAD AGAIN!

ON THE ROAD AGAIN!

RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.
SIZES Small through XL ARE $39, XXL ARE $46 AND XXXL ARE $52.00.
GET ONE NOW!
Call Shirley, N7QHW, at 253-265-3661, to order yours today!

Radio Club of Tacoma License Exams

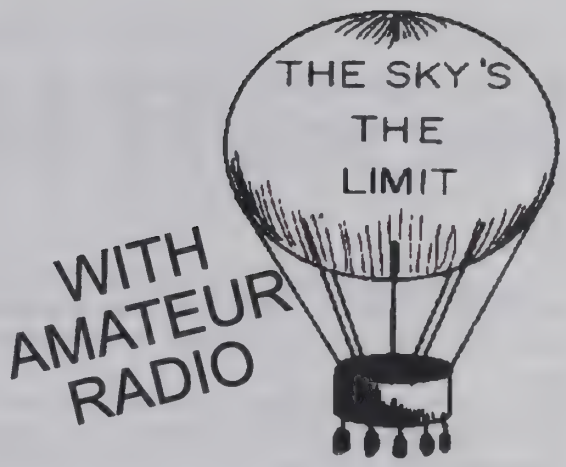
FEBRUARY 8, 2000

7 PM RCT Clubhouse

1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.65. For information call:
Shirley Murphy, N7QHW @ 253-265-3661
Fee as of Jan. 2000 – $6.65

FEBRUARY CONTESTS



5-7
North American Sprint, phone
Minnesota QSO Party
Delaware QSO Party
Vermont QSO Party
New Hampshire QSO Party
FYBO Winter QRP Field Day
Ten Ten International Net Winter Phone QSO Party
YL-OM Contest, CW
Spring Classic Radio Exchange
Mexico RTTY International Contest

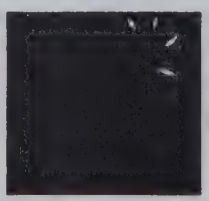
12-13
Novice Round-Up

12-14
North American Sprint, CW
YL-OM Contest, phone
Winter Fireside SSB Sprint
WorldWide RTTY WPX Contest
PACC Contest (Netherlands)

14-19
School Club Roundup.

19-20
ARRL International DX Contest, CW.

25-27
CQ WW 160-meter SSB Contest.
REF French Contest, phone.
UBA Contest, CW.
YL International QSO Party, phone.
RSGB 7 MHz Contest
CQC Winter QRP QSO Party
North Carolina QSO Party



Want more info, check **www.arrl.org/contests**

MUSEUM MUSINGS

...with Worth Gurley, W7WG

We "antiques" appreciate very much the help several people who helped us demonstrate some of the old equipment as we wrote last week. Each of those people not only had to carry boat anchors, but they had to hear our old stories over and over and help our desperate attempts to get very obstinate equipment to operate under public gaze.

In addition, we have encouraged our associates to write up their experiences. In this BARK we are all very for tunate to hear from our "Honorary Antique", Ed Root, who has been progressing toward true antiquity by becoming older each day. Ed also has been progressing rapidly "Forward To The Past" by co-hosting the Thursday code practice sessions at the Club House for several months surrounded by old equipment, some dating back to 1918 when "true" radio amateur operators were primarily code operators.

Now here is Ed!!

****

With The Antiques

By Ed Root, KC7OKS, Honorary Antique

It has been a pleasure to go out on several excursions with "The Antiques". I don't know anything about old radio's except that they are supposed to glow in the dark, but I have been promised that if I practice real hard for another 20 years then I will be a full fledged antique.

Two trips in 1999 really stand out in my mind. One was up to Federal Way to show equipment at the fairly new club there, and the other was to the Kitsap Flea Market.

In the first trip I really didn't know what to do, but they found something I could do. Fetch and carry. I did enjo seeing them tune up the old equipment, and I enjoyed seeing Mac, W6NBD, send code. It was amusing to see a person who could do 20 WPM in CW only able to get about one word out of the page that was sent. Others did better, bu one of them wasn't me. I didn't even get the one word. Then I got to do my specialty. Fetch and carry back out to the cars.

At the Kitsap Flea Market they expanded my skills. I not only did the fetch and carry that I am starting to get some proficiency at, but had a new responsibility added. I was given the job of climbing on the truck and attaching one end of the long wire to the building. I was also told how they wanted the wire routed through a tree. I guess I need to explain something about the tree that Worth, W7WG, had picked. It was on the other side of a fence, the side of the tree away from the fence was a very steep drop off, and to make it a little more difficult, blackberry bushes surrounded the whole thing. We did manage to get the wire up.

We had a little difficulty getting equipment to work at this event, but I did get one CW contact. We had hooked the Left Foot Key to a practice code oscillator and I was doing some CW /VSS (very slow speed) when low and behold I contacted our antique HF rig on the adjoining table. So far I haven't got my QSL card. It was a lot of fun and a learning experience. Afterwards the Kitsap people told us they would like to have us back, and if we let them know what we required they would have an antenna set up for us. I really didn't think we looked that funny setting up the antenna.

****

Our Radio Club now has a great opportunity with the new FCC regulation requiring only 5 words per minute fo ANY class license. Soon every member should be able to pass the code test by: copying Mac Parks', W6NBD, code practice every evening at 8PM on the 147.380 club repeater; attend Ed's and Peter's Thursday code sessions (call them first); arrange tutoring by members of the club who know the code, listen regularly to code tapes, listen to a receiver tuned to the novice bands, and/or say to your self, "dah dit dahdit....." spelling out street signs, billboards, and anything you see as you travel around each day. Then you will be able to upgrade as soon as you finish the excellent classes for each grade license held by the Club and pass the tests. No longer will so many pass the general or extra tests several times desperately trying to pass 13 or 20 wpm code. Everyone can get their 5 wpm Merit Badge!

Please send in a story about your experiences with the Club, with amateur radio...telling how much it meant to you personally or in getting employment or inspiring you to study for some profession, etc. We need to hear testimonials from you! Mail them to me at W7WG@Juno.com or write or telephone them to me at 253-582-5844...

Worth W7WG

AREA SWAP MEETS

...and in the year 2000...

March 11	Mike & Key Flearmarket, Puyallup, WA
Apr 8	Lilac City ARC, Spokane, WA
May 19-21	ARRL National Convention, Dayton, OH
June 1-4	NW Division Convention, SEAPAC, Seaside, OR

SCHEDULE YOUR SWAPMEET VISIT



Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members area their areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment

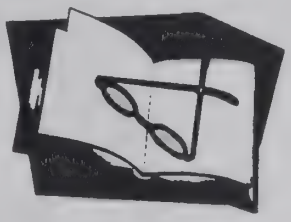
Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Frank, AB7YZ	253-752-8520	2,3
Roger, WA7ANJ	253-475-4293	1,2,3,4,7,8,11

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the board!

(Ed. Note – We need more volunteers on the Elmer board. Please add your name to the list!)

Amateur Radio Exams

in the Puget Sound Region as of November, 1999



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Thursday - 7:00 PM, **Bonney Lake** Library,18501 90th St East – Contact Roxann Holwege, AB7HO, at 253-862-8905

1st Saturday - 1 PM - Boeing **Kent** Rec. Center, 22649 83rd Ave So, Room "C", - Contact Rick Antes, KF7VG, 425-277-2220, Des Moines

2nd Tuesday - 7:00 PM - Radio Club of Tacoma Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 360-456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Denny's Restaurant, #3 13100 48th So., Contact Mary Lewis, W7QGP, 206-523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 Tobin Street - Contact Mike Dinkelman, N7WA, 253-854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 360-793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

3rd Saturday - 10 AM - **Shelton** - Shelton Airport - Contact - Dick Bostrom, N7LD, 360-426-4627, Shelton

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 360-456-5571, Olympia

4th Saturday - 10 AM - **Everett** - Everett Housing Authority - 14th and Popular - Contact Loren Hole, KK7M, 425-335-5158, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Walt Winters, AA7TL, 360-692-8326, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - 253-845-7652

JOIN THE EXCITING WORLD OF HAM RADIO!

FREE CLASS

FOR

NO-CODE TECHNICIAN AMATEUR RADIO LICENSE

IN ONE WEEKEND

Saturday, February 5

And

Sunday, February 6, 2000

Sponsored by:

The Radio Club of Tacoma
1249 South Washington Street
Tacoma

To Register, Call

Al Burleson - 253-474-9023

or

Jerry Seligman - 253-845-7652

Books will be available at the class for $19

Examinations - February 8th - 7 PM - $6.65 Fee

HELP FOR THOSE DIFFICULT LICENSE EXAMS!

FREE CLASSES

FOR

GENERAL AND EXTRA AMATEUR RADIO LICENSES

AMATEUR EXTRA CLASS

Length - 6 Weeks - Monday Evenings

Classes Start - February 7th

GENERAL CLASS

Length - 5 Weeks - Thursday Evenings

Classes Start - February 10th

All Classes - 7:00 to 9:30 PM

12306 80th Ave. East, Puyallup

(South Hill)

Sponsored by:

The Radio Club of Tacoma

To Register, Call:

Jerry Seligman, W7BUN - 253-845-7652

License Manuals and calculators will be available at the class .

RADIO CLUB OF TACOMA
PO BOX 11188
TACOMA, WA 98411-0188

[ ] NEW MEMBER (ONE APPLICATION PER MEMBER)

[ ] RENEWAL (ONE RENEWAL FORM PER FAMILY OK)

MEMBER CATEGORY: [ ] FULL [ ] SENIOR [ ] ASSOCIATE [ ] FAMILY [ ] LIFE [ ] STUDENT [ ] REINSTATEME

Name_____ Call_____ Class_____ Birthday_____

Address_____City/State_____

Zip+4_____Home Phone(____)_____ Work Phone(____)_____

e-mail _____Publish phone number/e-mail in the Club Roster? Yes [ ] N

Former Call(s)_____

Are you a Volunteer Examiner Yes [ ] No [ ] If Yes, which VEC_____

Occupation (or former occupation)_____ Employer_____

Are you a member of: ARRL [ ] ARES/RACES [ ] MARS [ ]

FAMILY MEMBERS NAME, CALL, AND LICENSE CLASS (RENEWALS ONLY)

_____

_____

THE RADIO CLUB PARTICIPATES AND SUPPORTS THE FOLLOWING ACTIVITIES EACH YEAR. PLEASE MARK THE BO
FRONT OF THE ACTIVITY OR ACTIVITIES THAT YOU WILL HELP SUPPORT. WE URGENTLY NEED YOUR HELP AND SUPPO
PLEASE CONSIDER AT LEAST ONE ACTIVITY THAT WE CAN COUNT ON YOU TO SUPPORT.

[ ] AWARDS BANQUET
[ ] FIELD DAY
[ ] FLEA MARKET
[ ] BOOTH AT THE WWA FAIR
[ ] SWEEPSTAKES IN NOVEMBER
[ ] VE TEAM
[ ] LOGGER'S BARK MAILING PARTIES
[ ] TEACHING CLASSES
[ ] SCOUTS JAMBOREE IN OCTOBER
[ ] ARES/RACES
[ ] N KITSAP FLEA MAR
[ ] OTHER MISC CONTES
[ ] MIKE & KEY FLEA MI

Other hobbies, expectations, comment:_____

Do you own a computer? Yes [ ] No [ ] If so, what type?_____

How did you hear about the Radio club?_____

Seven dollars ($7.00) of your annual dues is the subscription fee for the Club's monthly newsletter(The Logger's B

Club badges are available for $9.00. If you would like a badge, please PRINT the following:

Badge Name_____ Badge Call Sign_____

Applicant's Signature_____ Date_____

ANNUAL MEMBERSHIP DUES: FULL OR ASSOCIATE MEMBER $30
FAMILY MEMBER (AT SAME ADDRESS, FIRST TWO) $15 EACH (ALL ABOVE 2 ARE
SENIOR MEMBER (65 AND OVER) $25 FULL-TIME STUDENT (UP TO AGE 25) $15
LIFE MEMBERSHIP = 20 TIMES ANNUAL DUES (PAYMENT PLAN AVAILABLE)

FOR RCT USE ONLY

Dues received $_____ Treasurer's initials_____ Date_____
Badge fee rcvd $_____ Treasurer's initials_____ Date_____

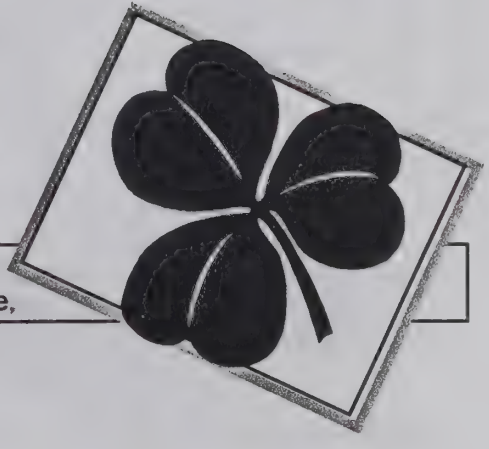
RCT Number

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma, WA 98411

RETURN SERVICE REQUESTED

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U.S. POSTAGE
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TACOMA, WA
PERMIT NO. 1078

COMING EVENTS



MAR 1 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

MAR 4 - Pinochle Potluck - 7 PM at the Clubhouse

MAR 7 - General Class starts at Jerry's - 7 PM

MAR 8 - Club Meeting - Library Administration Center, 7:30 PM
Program: **Amateur Satellite Program** - Don Gibson, NS7Q, Silverdale,

MAR 11 - Mike and Key Flea Market, Puyallup Fair Ground

MAR 14 - License Exams - 7 PM - Clubhouse

MAR 15 - BARK deadline (please be as on time as possible!)

MAR 22 - Club Meeting - Library Administration Center, 7:30 PM
Program: **VP8SSI -The South Sandwich Island DXpedition.**

- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- **See page 3 for meeting program schedule.** Check the weekly net for updates to the program schedule.

HAPPY ST. PATRICK'S DAY!

March 2000

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 **7:30 PM RCT BOARD MTG** *ALF KB7QFT	2 *DAN N7LSO	3 *BUD N7HKS	4 **9:00 AM OPEN HOUSE** **7:00 PM PINOCHLE POTLUCK** *JONATHAN KC7VUQ
5 *JAMES KC7ETS *RAY W7RDZ	6 **NEW MOON**	7 **7:00 PM ARES NET 145.37R** **7:30 PM RCT NET 147.28R** *JIM W7CSX *STEVE KC7AZW	8 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD *GIL KD7CZK *JAMES N7DKI *LINK N7CEO	9 *AL K7PUC *GEORGE KD7DOT	10 *VIVIAN	11 **9:00 AM OPEN HOUSE** *BETTY KC7ACY *DAN AJ7K **MIKE & KEY FLEA MARKET**
12 *BOB KD7IBU	13 *SCOTT KD7FDF	14 **7:00 PM ARES NET 145.37R** **7:00 PM RCT LICENSE EXAMS** **7:30 PM RCT NET 147.28R** *BYRON KA3CUK *ROY KA7X	15 *JOANNE WA4KZQ **BARK DEADLINE**	16 *ERIC WA7GHE *JERRY W7JC	17 **HAPPY ST PATRICK'S DAY**	18 **9:00 AM OPEN HOUSE**
19	20 **FULL MOON** **SPRING BEGINS**	21 **7:00 PM ARES NET 145.37R** **7:00 PM MVWS LICENSE EXAMS** **7:30 PM RCT NET 147.28R** *AL K5EAF	22 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD *PAUL KC7MKL	23 *HELEN W7WRI	24 *ROBERT N7AHR	25 **9:00 AM OPEN HOUSE**
26 *LUCILLE NB7T *MOREL W6LIX	27	28 **7:00 PM ARES NET 145.37R** **7:30 PM RCT NET 147.28R** *EDITH KB7KSY	29 *GLENDA	30 *FLOYD KC7EEZ	31	

February 2000

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26

April 2000

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXVII NR. 3 | W7DK | MARCH 2000

FROM THE PRESIDENT

Greetings! Due to things beyond my control am running late this month, so I will keep this article short.

As started last month, I will continue with the committees. Long range planning is next in importance after publicity. We need to have plans as to what the club goals will be five, ten and twenty years from now. At the present time the club is in a month by month rut which will get us nowhere fast. A few things have been done to the club house. That brought on other problems which slowed things down and cost more money. With better planning maybe other solutions could have been found. Since the club is a 501c3 organization, it is eligible for grants that could be used to make major improvements to the club house and help defer some of the monthly cost. I don't know about you (the members) but I don't want to see the dues go up again. After looking at the finances, if we have anything major happen, that is the only thing that can happen unless we start working on grants and major donations. Remember, that beside dues, the only other money making event is the flea market. I don't want to be all doom and gloom but I am trying to make a point as to how important long range planning is for our club.

73, Alan, KB7SVU

ON THE WEB www.w7dk.org Come see us!

IN THIS ISSUE...

- ▶ **COMING RCT PROGRAMS** - Page 3
- ▶ **ARRL NEWS - READ IT!** - Page 8
- ▶ **CONTEST CALENDAR** - Page 10
- ▶ **MUSEUM NEWS** - Page 11
- ▶ **CIRCE LOG** - Page 12

RENEW YOUR MEMBERSHIP NOW!
Please fill out the member application (found elsewhere in this issue) and return to the club tresurer with your dues.
THANKS!

Radio Club of Tacoma License Exams

MARCH 14, 2000

7 PM RCT Clubhouse
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.65. For information call: Al Burleson, K7HW @ 253-474-9023

Fee as of Jan. 2000 – $6.65

RADIO CLUB OF TACOMA -- 1999

PRESIDENT	ALAN HUGHES	KB7SVU	840-4947
V PRESIDENT	MORAL GUYOT	W6LIX	838-5433
SECRETARY	ED ROOT	KC7OKS	851-7463
TREASURER	CHUCK SOUTER	KA7HJN	863-2650
BOARD (5)	AL BURLESON	K7HW	474-9023
	WORTH GURLEY	W7WG	582-3844
	RICH MANSON	N7ANF	474-8883
	GEORGE NOBLE	KK7FM	756-1127
	AL CHURCHILL	AC7BU	847-3215
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	ROGER NACE	K8RN	209-5624
	DICK RYAN	W7RGD	627-0922
	JERRY SELIGMAN	W7BUN	845-7652
PHOTOGRAPHER			
ASSISTANT ED.	ROGER NACE	K8RN	209-5624
COMPOSITOR	KATHLEEN NACE	NØEYK	209-5624
PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call a club officer to pass on the word to the appropriate person(s).

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.28 / .88 MHz **144.97 - Packet**
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Carl B Chapman, KD7GZY RCT# 2055
1412 Haskell St
Dupont, WA 98327-9710 253-964-6818
carl.chapman@nw.amedd.army.mil

John Pirnie, KA7LTW RCT# 2056
10413 Barnes Loop S
Tacoma, WA 98444-2755 253-531-0341
pirnie@gateway.net

Charles Stillman, N7EEL RCT# 2057
7003 140th Avenue Ct E
Sumner, WA 98390-1219 Phone Unlisted

George Wood, KA7HGE RCT# 2058
16431 137th Ave E
Puyallup, WA 98374-9232 360-893-4098

D.C. (Del) Newhouse, Call Pending RCT# 2059
Sandy Newhouse, Call Pending RCT# 2060
PO Box 78
Vaughn, WA 98394-0078 253-884-2779
sandel@dellnet.com

Charles (Chuck) Doerr, No Call RCT# 2061
1502 S Mildred St #1
Tacoma, WA 98465-1607 253-565-7391
shadow322@juno.com

Reinstatements

Patrick S Moore, KG7KM
9515 71st Ave E
Puyallup, WA 98371-7706 253-848-585?

Arnold Couch, KC7JPP
10908 Deepwood Dr SW
Tacoma, WA 98498-4317 253-588-147?

Address/Phone Changes/Corrections

Byron Kabran, KA3CUK
3321 Heather Pl W
University Place, WA 98466-2634 253-564-9217
kabran@prodigy.net

James R Kelly, WA7DWG 253-209-3626
Lucille Kelly, NB7T

William Drum, KJ7KT
21843 Crest LN SE
Yelm, WA 98597-9034 Phone is same

Donald Severeid, K7LMN
17006 93rd Ave E
Puyallup, WA 98375-2284

Robert Ruby, W7RNR
13205 112th Ave E
Puyallup, WA 98374-3159

Leonard Him Jr., N7CJY
11224 67th Ave NW
Gig Harbor, WA 98332-8559

Continued next page

Oliver Larsen, W7WIA Change zip to 98375
Add second e-mail w7wia@arrl.org

E-Mail Address Changes/Additions

Dan Ocken, N7LSO
Ockenpdwwa@free1.net

Chandler Ellis, KC7EYZ
Robnob@wolfenet.com

Del Kohler, W7JG
w7jgdelk@aol.com

Don Kuehne, K7DK
k7dk@att.net

T Lynn Neece, KB6OKS
kb6oks@juno.com

Lee Meyers, W6PZF
olm3@juno.com

Clive Tobin, KC7ZLF
Clivetobin@libertybay.com

Al Churchill, AC7BU
Change e-mail to al_wilma@email.com

William Jonez, KD7GOR
e-mail should be all lower case
wjonez@mindspring.com

Frank Emigh, W7YDS
Correct e-mail is emighfd@televar.com

James Billingsley, N7RRK
jamesg@foxinternet.net

Barbara Osborne, W7UYL
w7uyl@prodigy.net

Ralph Fuller, KA7FIG
ka7fig@aol.com

Gary Breivik, N7GWC
Change e-mail to garyb@ywave.com

New Calls/Upgrades

Silent Keys

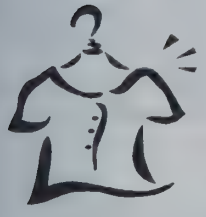
Jack Shafer, WB7DLT, 11/25/99, member since 1977

COMING PROGRAMS AT RCT

MARCH 8th - The Amateur Satellite Program - Satellite "guru" Don Gibson, NS7Q, from Silverdale, Washington, will describe what's there in the sky for us to use and how to use them. He'll share his experiences and explain the operating procedures. He will demonstrate software used to determine when a satellite is overhead and available for a contact.

MARCH 22nd - VP8SSI -The South Sandwich Island DXpedition. The South Sandwich Island is in the sub-Antarctic region of the southern Atlantic Ocean. The winds in this area can exceed 100 MPH. You will see the miserable conditions that dedicated DXpeditioners suffer just to put a rare location on the air. You'll see the operators trying to make contacts while their tents and antennas are blowing down around them.

Clothing with your name and call



	12 or more	24 or more
Denim long sleeve shirt	$35.00	$33.25
Polo shirt (with pocket or without)	21.00	20.50
Crew Neck Sweatshirt	19.00	18.25
Hanes Beefy T shirt	13.50	13.25
Fleece Vest (this one was at meeting)	48.75	47.50
Fleece Vest	36.75	35.00

You can pick your own colors.

The quantities needed to realize these prices is 12 items (any mix of the items listed above), so we could reach the lower prices more easily than it having to be just one item. Payment **MUST** be made when the clothing is ordered. **No exceptions.** I have a catalog and will try to have it at the meetings if you are interested in purchasing anything.

Questions or to place an order,
call Shirley Murphy, N7QHW, at 253-265-3661 or Nora Simmons, KC7JME, at 253-847-5124.

This may be your LAST BARK if you have not paid your 2000 dues...

Dues are in arrears if you have not paid by December 31 of each year. Dues can be mailed to the Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411 or pay them in person at any club meeting to the club Treasurer.

There is a Dues Renewal Form later in this issue of the Bark. When you renew, please fill out the form and include it with your dues payment so our records can be as up to date as possible. Thank you very much.

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will not forward Third Class Bulk Mail.

PINOCHLE



PINOCHLE & POTLUCK
Saturday, March 4th, 7 PM
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898

ADDRESS CHANGES

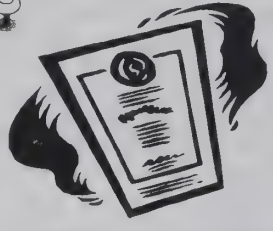
Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to Shirley, N7QHW, @ 253-265-3661.

ANNOUNCEMENTS

GENERAL CLASS
Starts MARCH 7th
Call Jerry, W7BUN @ 253-845-7652 to register.

Your Ad Could Be Here!

Call, Shirley, N7QHW at (253)265-3661 for info.



FIRST CONTACT AWARD

Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First Contact Award will be issued.

WANTED!



Late Edition of the Radio Amateur Call Book
1998 or earlier
Wants to pay !!!
Contact: Chuck Inge, N7ETC
at 360-876-3873

AREA SWAP MEETS

...and in the year 2000...

March 11	Mike & Key Fleamarket, Puyallup, WA
Apr 8	Lilac City ARC, Spokane, WA
May 19-21	ARRL National Convention, Dayton, OH
June 1-4	NW Division Convention, SEAPAC, Seaside, OR

SCHEDULE YOUR SWAPMEET VISIT

ELMER BOARD

Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members area their areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment

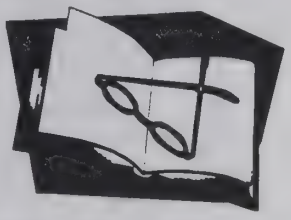
Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Frank, AB7YZ	253-752-8520	2,3
Roger, WA7ANJ	253-475-4293	1,2,3,4,7,8,11

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the board!

(Ed. Note – We need more volunteers on the Elmer board. Please add your name to the list!)

Amateur Radio Exams

in the Puget Sound Region as of November, 1999



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Thursday - 7:00 PM, **Bonney Lake** Library,18501 90th St East – Contact Roxann Holwege, AB7HO, at 253-862-8905

1st Saturday - 1 PM - Boeing **Kent** Rec. Center, 22649 83rd Ave So, Room "C", - Contact Rick Antes, KF7VG, 425-277-2220, Des Moines

2nd Tuesday - 7:00 PM - Radio Club of* Tacoma *Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 360-456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Denny's Restaurant, #3 13100 48th So., Contact Mary Lewis, W7QGP, 206-523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 Tobin Street - Contact Mike Dinkelman, N7WA, 253-854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Highway 2 - Contact Dave Axe, 360-793-2526, W7AGJ, Sultan

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

3rd Saturday - 10 AM - **Shelton** - Shelton Airport - Contact - Dick Bostrom, N7LD, 360-426-4627, Shelton

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 360-456-5571, Olympia

4th Saturday - 10 AM - **Everett** - Everett Housing Authority - 14th and Popular - Contact Loren Hole, KK7M, 425-335-5158, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Walt Winters, AA7TL, 360-692-8326, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - 253-845-7652

ARES/RACES

...de Shirley Murphey, N7QHW

It continues to be a need for you to remember in times of inclement weather to tune into 145.37 repeater and see if anything is happening. If help is needed, please jump in with your call and volunteer to help. Don't wait for the phone to ring, just get on the air and volunteer.

I don't have any difinitive Public Service Events and/or dates but stay tuned into the weekly net and remember, VOLUNTEER. We always need lots of volunteers so please consider helping. Remember as a member, we feel it is essential that each person participate in at least one event or drill each year.

Alan, KB7SVU, needs volunteers to be trained for the Pierce County EOC. Call him at 253-840-4947 to volunteer. He also needs volunteers to help with making phone calls to schedule volunteers for events as they take place. This is an important job so please consider helping out. Again call Alan to volunteer.

Another training need that is out there is the new communication vehicle which will be used for searches, and a multitude of other emergency events that may happen within our community. Contact Alan, KB7SVU, if you are able to be trained for this vehicle. Currently, TAC ONE organization is managing the training but check with Alan on how to get scheduled.

I put the following article in the Bark about 4 years ago and thought it might be helpful to repeat it again. The article was written by April Moell, WA6OPS, Orange County Hospital Disaster Support Team Emergency Coordinator and reprinted in the Group Health Cooperative RADIOGRAM put out by Marina Zuetell, N7LSL, W WA Medical Services Emergency Coordinator for ARES/RACES.

Drill or Exercise Reality

1. It will never be what you expect.
2. Go prepared for anything. You never know where you might be operating, or for how long, or under what circumstances. You could be at the command post in a basement or in the field. Your fellow ham may drop his or her handie-talkie coming into the building.
3. Introduce yourself to the person in charge of the area. Don't be afraid to ask who is in charge if you don't know. Quickly brief that person as to your capabilities. Don't assume they know what you can do. Let them know what radio links you can provide.
4. Just as many hams are new to the drills or in a different hospital or EOC each year, the hospital or EOC is usually in the same position Staff from other shifts or locations are brought in to learn about the disaster plan. New administration staff may be getting their feet wet for the first time as the person in charge of the command post. It may be the first time they have ever seen a ham at their post. In other words - DON'T ASSUME THEY WILL THINK YOU ARE WONDERFUL AND IMMEDIATELY KNOW WHAT TO DO WITH YOU.
5. We may have no control over the starting or ending time of the drills. We will give you our best guess. Sometimes there are problems setting up a disaster scene and the drill starts late. That means you will be called late. We will try to keep you advised over the air. Sometimes there are problems retrieving all the victims or resources after the drill. You may be asked to stay at your post past the end of the drill. If this causes you a problem let your supervisor know ahead of time. If there are staggered call-out or activations of radio volunteers, PLEASE DON'T GET ON THE AIR AND ASK when you are going to be called. Be patient!
6. If you said you can be available for a drill date, WE ARE PLANNING ON USING YOU. PLEASE TAKE THE COMMITMENT SERIOUSLY. It takes a lot of time and phone bills to contact people, assign them, and contact them again with their assignments. Thinking we won't miss one volunteer is wrong. If several people think that, we will be in trouble, and it isn't just a matter of plugging someone in. One drop out can create a domino effect, causing shuffling of operators to provide the proper coverage and suppo new ones in the drill. That means more phone calls and chaos.
7. Hospital and government people aren't fond of drills. They disrupt their normal routine. They are required to do them. They don't want to be embarrassed by doing something wrong. When the drill is over, mos personnel will just disappear. If victims are yet to be picked up for transport back to the site, and you are communications link for that, don't let the command post close up without knowing who your contact is going to be. The hospital is supposed to have some one in charge of the victims. Don't let them abando you. It is not your job to keep track of the victims.
8. You are not likely to handle much traffic. In a drill most people rarely simulate the kind of phone stress they would have in a real incident. Whether you are in a drill, or the real thing, you are a SUPPORT communications system. YOU ARE THERE JUST IN CASE. QUALITY, NOT QUANTITY, IS WHAT MATTERS. If you are on duty for three hours and handle only one message -- it was still important and worthwhile for you to be there. If you can get that one message through that they need -- YOU ARE VALUABLE.
9. The more exposure volunteers have to the agency they serve, the easier it is for all concerned when we are activated.

Hams and other volunteers who serve the hospitals and EOC's must be part of the served agency syste

BEFORE the emergency strikes. They serve because they WANT TO , as a part of the agency or system, as a TEAM player. There simply is no room for loners any more.

Remember to check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Shirley, N7QHW.

Do you want to get involved? Simply contact Alan Hughes, KB7SVU at 253-840-4947 and let him know.

73 Shirley, N7QHW

ELMER TODAY
VOLUNTEER!

SPECIAL SERVICE CLUB ARRL

SPECIAL VE TESTING SESSION
FOR THE PAPER WORK UPGRADES ONLY
UNDER THE NEW LICENSE RESTRUCTURING
APRIL 15, 2000 1:00 PM

At the Radio Club of Tacoma Clubhouse
1249 S Washington St Tacoma
Contact Al Burleson, K7HW @ 253-474-9023 with any questions

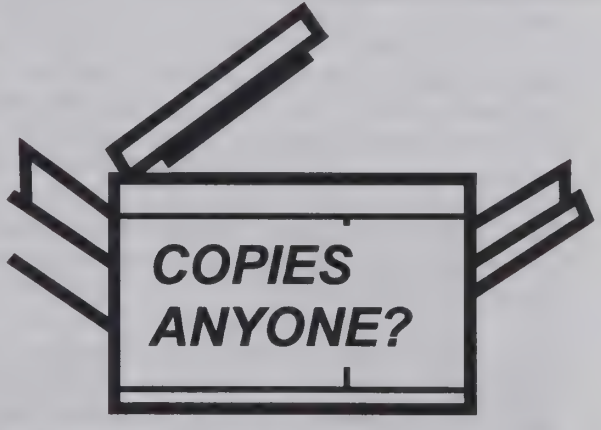
Be sure to bring identification, original as well as a copy of CSCE, license, or any proof of credit for previous examinations that you have.

The fee for this session is the same as all others for 2000 which is $6.65. Make checks payable to RCT VE Team or cash is OK.

Those technicians licensed before March 21, 1987 upgrading to General may bring as proof original license, or original CSCE, or copy of page in call book which shows their license class as Technician prior to the above date or the letter obtained from the FCC which says they were Technician prior to the above date.

No code technicians who have passed the 5 WPM Morse Code test but do not have a license which shows a Tech Plus Class must bring their CSCE for the 5 WPM Code as well as the CSCE for the General written in order to upgrade.

There will be no written or Morse code exams given at this testing session.



Here is an update on where we are with our efforts to buy a copier for the club. As you may or may not have heard, the club has organized an effort to raise enough money to buy a copier. With this copier we will be able to make our own BARK right at the clubhouse. We also will be able to save a lot on copies for training. All in all, the club has a genuine need for a GOOD copier, one that can handle the workload planned for it. So far we have collected $625.00 in donations. Our goal is to raise $1400.00. It will take $1200.00 to buy the machine from the wholesaler. Then I figure about 200 more to get fresh supplies and make sure the copier is ready to do the job. Everything will be bought at wholesale cost. Mick Pier, KK7QS, will provide service labor at no cost to the club. Please send donations, payable to RCT, to: Mick Pier, 908 187th St. E. Spanaway, WA 98387. I would like to take this time to thank everyone, i.e.; Ed Root, KC7OKS, Al Burleson, K7HW, Morel Guyot, W7LIX, George Noble, KK7FM, Jonathan Hill, KC7VUQ, Martha Driessnack, KC7VUJ, Charles Inge, N7ECT, Tom Murphy, N7QHX, Candace Plumlee, KK7BI, Chuck Souter, KA7HJN, Jerry Seligman, W7BUN, William Jonez, KD7GOR, Carl Chapman, KD7GZY, Oliver Larsen, W7WIA, Roger Terwilliger, WA7ANJ, Al Churchill, AC7BU, Ray Winter, KD7CZS, and Phil Phillips, G4UFH, for their generous donations. Special thanks to a couple of gentlemen for their part in this drive: Tom Jonez, K7TDJ and Morrie Pigott, KD7GUE, have volunteered to print the BARK for the club, at no cost. This will allow the club to budget the money normally used for the printing to the copier fund. This offer is for a limited time and requires us to do our part, and make this copier thing work. The sooner we do this, the sooner we can take our printing responsibility back. So if you haven't yet sent in your donation, now is your chance. Thanks again for all your help. 73, Mick, KK7QS.

◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet and other sources.

CANADA, AUSTRALIA EYE MORSE SPEED REDUCTION

Radio Amateurs of Canada announced plans this month to ask Industry Canada to eliminate that country's 12 WPM Morse requirement. If enacted, the change would leave 5 WPM as the sole Morse code examination requirement for full HF access in Canada. Meanwhile, the Wireless Institute of Australia reports it's seriously considering whether to push regulatory authorities to reduce the maximum Morse code license test speed Down Under from 10 to 5 WPM.

The United States, The United Kingdom and Sweden also have adopted 5 WPM as the Morse code examination requirement for access to the full HF amateur spectrum. The South African Telecommunications Regulatory Authority is said to be poised to act on a South African Radio League request for a lower code speed limit there. Other nations have expressed interest in the issue.

The Israeli Ministry of Communications has introduced a new license with a 6 WPM Morse code requirement that gives CW-only access to HF bands. The new ticket does not include all HF bands, however.

STENSAT RELEASED BUT POSSIBLY MALFUNCTIONING

StenSat has been released by the OPAL "mother ship," but little or nothing has been heard from the Amateur Radio picosat, raising fears that it has malfunctioned. Since the deployment, stations monitoring StenSat's 436.625 MHz downlink have heard only very weak signals, or nothing at all. The picosat was supposed to transmit a CW identifier and packet telemetry after deployment, but neither have been heard.

The StenSat group asks amateurs to continue monitoring the downlink and sending reports to hheidt@erols.com. StenSat has a crossband repeater aboard that is designed to operate much like the popular AO-27 satellite. More information may be available on the StenSat Web site at http://users.erols.com/hheidt/.

POWER COMPANY ACTS ON AMATEUR COMPLAINTS

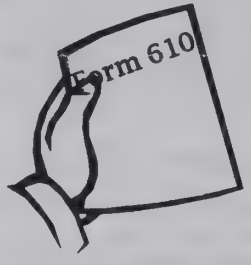
After prodding by the FCC, Pacific Gas & Electric Company says it's making headway in mitigating long-standing power-line noise complaints from several Northern California amateurs. The hams involved in the complaints had been unsuccessful getting the West Coast power company to investigate their reports of severe noise, so they turned to the ARRL and the FCC for help. In late November, the FCC wrote PG&E to remind the utility of its obligation to rectify equipment problems that cause harmful radio interference. The FCC requested that the company correct the problems "within a reasonable time" and report back.

In a letter to the FCC, PG&E summarized progress in clearing up the initial complaints. The work included replacing poles, guy wires, insulators, and transformers as well as installing radio/television interference "clips" at one site and re-routing a service drop at another.

The FCC's Part 15 rules obligate utilities and others that fall under their provisions to not cause harmful interference to licensed services and to cease operating a device that's causing harmful interference upon FCC notification. The ARRL Technical Information Service offers more information on how to deal with power line interference at http://www.arrl.org/tis/info/rfi-elec.html.

BYE BYE 610

Forms 610 phased out: With a single exception, the venerable FCC Form 610 now is history. The FCC phased out the documents February 16. Amateur Radio applicants now must use the Universal Licensing System forms (Forms 605, 606) for all purposes. There is one exception. FCC Form 610B Club Station application continues to be valid until the FCC finalizes its printized club station call sign administrator program.



ARRL-VEC TO CHARGE FOR CODE TESTS

Starting with the inception of the new FCC Amateur Radio licensing rules on April 15, 2000, the ARRL-VEC will charge a test fee of $6.65 to take the Element 1 (5 WPM Morse code) test. Until April 15, the 5 WPM Morse code test (Element 1A) and/or the Novice written test (Element 2) are free at ARRL-VEC test sessions.

FCC GIVES MORSE ELEMENT CREDIT TO EXPIRED NOVICES

Anyone who ever held a Novice ticket–expired or otherwise–will be able to claim credit for Element 1, the 5 WPM Morse code examination, under revised Amateur Radio licensing rules going into effect April 15. The change was included in the version of the FCC's restructuring rules, published February 10 in The Federal Register. The rules already give Element 1 credit for those holding an expired or unexpired FCC-issued Technician Class operator license document granted before February 14, 1991, as well as to applicants possessing an

FCC-issued commercial radiotelegraph operator license or permit that's valid or expired less than 5 years.

There's no indication, however, that the FCC intends to extend Element 1 credit to applicants who once held any other FCC-issued licenses now expired, including Tech Plus, General, Advanced, or Amateur Extra.

Because of other anomalies in the new rules, the ARRL is recommending for now that holders of Novice or Tech Plus licenses retain their license documents or copies in the event they need to claim Element 1 credit when upgrading under the new rules. When renewed after April 15, 2000, Technician Plus licenses will come back stamped "Technician," and the FCC has said it does not plan to keep track of which Technicians have Morse code element credit and which do not.

LEAGUE OPPOSES CLEARWIRE SPREAD SPECTRUM PETITION

The ARRL has asked the FCC to dismiss Clearwire Technologies' Petition for Reconsideration on the revised spread spectrum rules issued last summer. The FCC's August Report and Order relaxed rules governing the use of spread spectrum techniques by hams and opened the door to the possibility of international spread spectrum communication. Apparently fearing the possibility of amateur interference with its Part 15 products, however, Clearwire Technologies now wants the FCC to reconsider portions of its Report and Order. The League called the Clearwire petition "frivolous" and asked the FCC to dismiss it and to affirm its Report and Order.

SPECTRUM PROTECTION BILL

The Amateur Radio Spectrum Protection Act now has 38 cosponsors. The bill would require the FCC to replace with equivalent spectrum any current Amateur Radio spectrum it removes from access or limits access to. Several new cosponsors signed on to HR 783 over the New Year's break.

ARRL ASKS FCC TO DENY KENWOOD "SKY COMMAND" PETITION

The League says the FCC should deny a request by the Kenwood Communications Corporation to permit operation of its "Sky Command" system in the 2-meter band. In December, Kenwood asked the FCC either to declare that Sky Command complies with Commission rules or to waive applicable sections of the rules to make it legal. The ARRL filed comments on Kenwood's petition, DA 99-3805, on January 31.

WHAT'S THE FREQUENCY, DENNIS?

Ham moviegoers report seeing previews for the new movie Frequency, starring Dennis Quaid and directed by Gregory Hoblit, that's set for an April release. Frequency is billed as a sci-fi thriller. The gist of it is that a long-dead father and his adult son meet up on the airwaves via ham radio (during the mother of all sunspot cycles), and the son tries to prevent his father's death by altering the past. Both also attempt to prevent a murder. It reportedly winds off into the ozone after that, but we don't want to spoil it for anyone.

NEW QUESTION POOL AVAILABLE

Revised Amateur Radio examination question pools for the new Elements 2, 3 and 4 that become effective April 15, 2000, now are available on ARRLWeb at http://www.arrl.org/arrlvec/pools.html. The ARRL-VEC's Wayne Irwin, W1KI, says the revised pools remain a work-in-progress, and graphics still are being integrated. Irwin says the current Novice, Technician, Advanced and Amateur Extra graphic sheets remain available and valid. Examinations for Elements 2 and 3 will contain 35 questions; examinations for Element 4 contain 50 questions.

PRACTICE ON-LINE

The West Valley Amateur Radio Association has added on-line practice examinations for all written elements to its Web site. "Our program will automatically generate a test and grade it after you are done!" says Webmaster Mike Polkinghorn, K6PUD. Visit http://www.wvara.org and follow the link in the bulletin on the front page.

UPDATE YOUR RESUME?

QRZ.com says it now has more than 14,000 mini-biographies of Amateur Radio operators on-line along with its call sign database, with dozens of new listings arriving daily. QRZ.com says it is now possible to instantly search through the entire collection of biographies to find other hams with similar interests, backgrounds or other hobbies. Any combination of keywords may be searched. Check it out at http://www.qrz.com/biosearch.html

DON'T DRINK THE BATTERY

According to a Reuters report, Motorola researchers and scientists at the Los Alamos National Laboratory are working on a new methanol mini-battery for wireless devices. The fuel cell, which uses methanol as the power source, reportedly will last 10 times longer than batteries used today. But, consumers will have to wait for at least three years to see them in stores. The cost of these batteries should be in line with current power supplies, Motorola says.



MEETING MINUTES

Radio Club of Tacoma
Regular Membership Meeting
9 February 2000

The meeting opened at 7:30 PM with the Flag salute led by Roger Terwilliger, WA7ANJ. Introductions were made.

Treasurer's Report: Will be reported in the BARK.

Membership: Currently 201 counting Life and Honorary, and 3 paid for 2001. Upgrades were introduced. Many people took advantage of the upcoming rule changes to upgrade written tests.

Health and Welfare: Merle Handy, W7QLG, was in the hospital for tests.

Correspondence: The club received a letter from Mrs. Torres Thanking Jerry Seligman, W7BUN, for his help with her deceased husbands radio equipment, and a $100 donation check.

Training: Jerry, W7BUN, said he has an Extra class starting on Monday, and he has enough people signed up for 2 General classes.

Program: The program tonight was a video of the Campbell Island DXpedition. It had the greatest number of contacts ever.

Upcoming events and committee reports:

Jerry, W7BUN, told of the upcoming ***CW contest*** that he will be operating in, April 19 & 20. He also updated us on the coming ***Field Day***.

Roger Terwilliger, WA7ANJ updated us on our ***Flea Market*** and announced the ***Mike & Key Flea Market on 11 March.***

Al Churchill, AC7BU, told us of a water pump problem with one of our ***generators***.

Shirley Murphy, N7QHW, talked about ***shirts*** and the consensus was that we wanted them with names and calls.

Copier Fund: $625 on hand. Need about $1200.

Tuning and Traffic: A rare station will be on 10 MHz tonight.

Membership Certificates were presented.

The meeting adjourned at 9:05 PM.



Editor's Note: Now that the secretary and the editor are communicating, there will be more of the Jan. and Feb. 2000 minutes in the next BARK. Stay tuned. Thanks.

PACIFIC NORTHWEST DX CONVENTION - DX 2000

Vancouver, B.C., Canada
July 28-30, 2000

The BC DX Club and the Fraser Valley DX Club invite you to DX2000 in beautiful Vancouver, British Columbia, Canada. We've changed our venue to make this event as fun and interesting for your spouse (and children) as it is for you. Our new Hilton Vancouver Metrotown hotel was chosen for it's excellent location and facilities. We are working on a fresh, new program and will be inviting many of your friends from the DX, QRP and Contest world. We look forward to your attendance to make this event the best ever.

Register now. Phone 1-800-HILTONS (Canada/USA) and ask for the special DX Convention Rate.

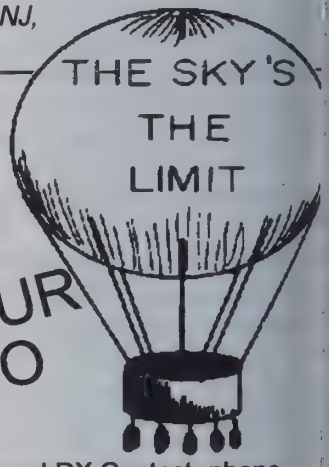
For more detailed hotel information on its location, etc. please check web site: http://www.hilton.com

Check our DX2000 web site also for more information and downloading of registration form:

http://www.bcdxc.org

See you in Vancouver at DX2000!
Dave Johnson, VE7VR, Co-Chairman
DX2000 Organizing Committee
ve7vr@rac.ca

Thank you to Roger, WA7ANJ, for passing this on. - Ed.



MARCH CONTESTS

4-5
ARRL International DX Contest, phone

11-12
QCWA QSO Party
Wisconsin QSO Party
World Wide Locator Contest

14-15
CLARA (Canadian Ladies ARA)and Family
HF Contest

18-20
Alaska QSO Party
Virginia QSO Party
Bermuda Contest

25-26
CQ WW WPX Contest, phone

Want more info, check **www.arrl.org/contests**

MUSEUM MUSINGS

...with Worth Gurley, W7WG

At this time the Museum is a work in progress. After all, History is progressing each year, each day, each minute. Morel, Mac, and I spurred on by Lou, along with Al (newly AC7BU), Peter, our "Antiques in Training" and so many others have made some progress beyond anything we could have done. From piles of stuff in cardboard boxes and ceiling-high stacks of old historic but limping receivers, "boat-anchor" types, to several operating set-ups, representing the 1940's to the late 1970's there is progress. Due to the benches and shelves in the main W7OS Doc Spike memorial room, the Old Oak Rig and HQ 120 receiver operates on relatively low power CW and AM. The TS 520s of the 1970's received excellent reports on the zepp-type ladder line fed 80 meter dipole high suspended high on the tower and lower historical type end-fed "Zepp" type, named for their use on the Zeppelins which required end-fed trailing wires.... until the Hinesburg blew up in New Jersey. We don't expect our zepp to cause an explosion, unless we charge the Board for new wire or towers.

In the main entry room again due to the wonderful renovations in that area an early solid state Yaesu station complete with power supply/speaker, auxiliary VFO, monitor scope, tuner, and phone patch works well on most bands with good signal reports, using either the above mentioned zepp or the new vertical, complete with radials (thanks again to the dedicated construction crew) all selected by rotary switches. Several other complete stations are on display. They only require help from some of you members with the interest to help those with interest and some expertise in old style radio/electronic repairs to achieve a whole room of operating stations.

These older equipments, operating as W7OS, can be a back up for our main club station, W7DK, which has state-of-the-art transceiver, tri-band beam, amplifier, and keyer. This operation would be essential in case of a real emergency. Those who worked can explain the emergency power for the whole clubhouse, a great undertaking, so hard on it.

We need help on all of the above. We antique operators seem to be available during the week mostly, but the expert crew also are available on weekends. Give us a call. Many of you soon will be able to have full privileges on HF and can work the world with old traditional equipment or with a modern station. Give the Board members, others or us a call!

RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.
SIZES Small through XL ARE $39, XXL ARE $46 AND XXXL ARE $52.00.
GET ONE NOW!
Call Shirley, N7QHW, at 253-265-3661, to order yours today!

ARRL MEMBERSHIP

If you haven't joined or rejoined the ARRL, please do so through the Radio Club of Tacoma! The ARRL is the major voice for Amateur Radio in the US and, besides providing a wealth of information to its members, they provide us with a voice in Washington to help protect the interests of all amateurs. Additionally, RCT is an ARRL Special Service Club and RCT needs to have at least 51% of its members belong to the ARRL to retain its Special Service Club status. See the Treasurer for application forms, and bring your ARRL renewal notices and rejoin through the club. The club receives a commission for each new or renewed membership sent through the club.

JOIN TODAY!

See our club treasurer for details.

SPECIAL SERVICE CLUB

Circe Log 2000

de Marilyn Thordarson, KB7PCT

2/14/00 Buenos Dias to all our Ham friends on Valentine's Day. Yes, we finally made it back to Mexico. In case you've wondered what happened to us, I'll try to summarize.

Last August we had "Circe", our 40' sailboat and our home, hauled out of the water and put in a yard in La Paz along with 100+ other boats. We left and came home to Washington for what was to be a "little" visit. While there the doctor discovered Stef had another melanoma. He had surgery, and for the first time, radiation. In January we drove to California so he could be re-started on the immune therapy. On the way down we stopped in Atwater, CA to meet Grady, K6IXA and his wife, Ivy. Grady run's the station that we rely so heavily upon to relay our ham e-mail from the boat. Wonderful couple.

After a three-week jaunt in Southern California and Arizona, we headed back to Washington, put the woolies and the car in storage and hopped on an MD80 for LaPaz. Stef's cancer seems to be in remission and he's "graduated" to once-a-month treatments. Yes, he'll be flying to Los Angeles every month from the Baja to get the vaccine shots.

One of the highlights of being home was visiting Mac, W6NBD, at his "shack" in Gig Harbor. Mac has been following us since we sailed from Tacoma in August 1997. We check in with him almost every morning at 8:30 on 14.292 and if propagation is good, he'll even do a phone patch for us. He's been extremely helpful in getting some urgent phone calls through as well as some much-needed talks with family and friends. Thanks, Mac!

We arrived Saturday afternoon to a very dirty boat. Remember that we left it sitting up on stands so in order t get on board we had to find a long ladder. We propped it up against the side and climbed up. As prevention during hurricane season, we had removed everything, including all the sails and stowed them below. In order to get our luggage up on the boat, Stef rigged our Lifesling. That's a pulley system for retrieving someone who's fallen overboard. We dug out the folding bicycles and while Stef tried to create some order inside the boat, I headed out on my bike to secure a room for the evening. By the sixth hotel, I was getting desperate and quickly secured the last remaining room at Las Palmas (the palms). I could describe for you the lovely setting--neatly painted stucco cottage on the second floor with it's own little balcony with a rod iron railing and beautiful blooming red bougainvillea framing the view of a small private a garden with a fountain. Yes, I guess that's all true. But it was also smelly, no TV, no phone, no towels and no light worth reading by. So we retired early only to be awakened by LaPaz coming to life on Saturday night Yes, people talking, Mexican bands playing and general commotion until the wee hours. In the morning we quickly packed up and headed straight back to the boat. We cleaned the decks and cleared two spaces to sleep. It's not to handy since we have to climb that 20' ladder every time we get on or off the boat (including going to the restroom) bu it's home. And tomorrow we'll move into a studio room at a nice hotel near the marina.

Last fall we ordered special Mexican bottom paint from the mainland to be shipped here to the marina on the Baja peninsula. It was quite complicated dealing by fax in Spanish and English and making deposits (almost $400) t their bank account. When it hadn't arrived when we left we were somewhat concerned. A fax from Enrique, the yard manager, confirmed that it had arrived. Whew! Yesterday, Sunday, we discovered that Enrique is no longer here. Today we met Eduardo, the new manager and he didn't know anything about our paint. After talking to several people and looking out back in a shed, we finally found the paint. Another whew! The earliest they can begin working or it is next week so we'll try to get some of the preliminary prep work done. They did remove all the old bottom paint b ground in to the gel coat in some places. That means we now have to put a special barrier coat on before we can pu the bottom paint on. (Life is never boring on a sailboat!)

When I write next month, I hope to be able to tell you about being back out at anchor, about being back in contact with Mac in the mornings and about the quiet peaceful anchorages, beautiful sunsets and gorgeous snorkeling--till then, keep your fingers crossed for us. After all, this is Mexico! Stef, KB7PKF, and Marilyn, KB7PCT.

EDITOR'S NOTES

kathleen@naceplace.com

Hi from warm, sunny Mesa, AZ! We are here in an RV park with lots of activities and are busier than ever!

Roger's mom is in hold. She has had a number of set backs and no one is sure what her actual recovery will be. So we are marking time.

You may notice that there are some changes in the BARK this month. Due to the change in copiers, we have found that it is VERY difficult (at best) to get even a fair copy of photographs. Also anything which uses 'shades of gray' to create toning to the black and white does not copy well. It is frustrating, as an editor and creator, to not be able to include photos of club activities and members and not to use fancier graphics to make the BARK more interesting to the eye. Shirley has worked wit our new copy person to try to make the end product more acceptable but it just wasn't working. Thanks to all for trying. As result, I have pulled all photos and 'gray scale' graphics out o the BARK for the present time. I am not sure what will happe when we "get our own". Guess we will give it another try. Aga I am really sorry that photos will not be used on a regular bas any more.

Don't forget the Mike and Key Fleas on March 11th. You might find that special treasure or be able to sell that iter that is looking for a new home. As always, I am sure that hel will be greatly appreciated.

Keep supporting amateur radio and our club! See y next month. 73, Kathleen

HELP FOR THOSE DIFFICULT LICENSE EXAMS!

FREE CLASS

FOR THE

GENERAL

AMATEUR RADIO LICENSE

GENERAL CLASS

Length - 5 Weeks

One Tuesday Evening and Four Thursday Evenings

Class Starts - March 7th

Classes - 7:00 to 9:30 PM

12306 80th Ave. East, Puyallup

(South Hill)

Sponsored by:

The Radio Club of Tacoma

To Register, Call:

Jerry Seligman, W7BUN - 253-845-7652

License Manuals will be available at the class for $14.

RADIO CLUB OF TACOMA
PO BOX 11188
TACOMA, WA 98411-0188

[ ] NEW MEMBER (ONE APPLICATION PER MEMBER)

[ ] RENEWAL (ONE RENEWAL FORM PER FAMILY OK

MEMBER CATEGORY: [ ] FULL [ ] SENIOR [ ] ASSOCIATE [ ] FAMILY [ ] LIFE [ ] STUDENT [ ] REINSTATEM

Name_____ Call_____ Class_____ Birthday_____

Address_____ City/State_____

Zip+4_____ Home Phone(____)_____ Work Phone(____)_____

e-mail _____ Publish phone number/e-mail in the Club Roster? Yes [ ]

Former Call(s)_____

Are you a Volunteer Examiner Yes [ ] No [ ] If Yes, which VEC_____

Occupation (or former occupation)_____ Employer_____

Are you a member of: ARRL [ ] ARES/RACES [ ] MARS [ ]

FAMILY MEMBERS NAME, CALL, AND LICENSE CLASS (RENEWALS ONLY)

_____

_____

_____

THE RADIO CLUB PARTICIPATES AND SUPPORTS THE FOLLOWING ACTIVITIES EACH YEAR. PLEASE MARK THE B FRONT OF THE ACTIVITY OR ACTIVITIES THAT YOU WILL HELP SUPPORT. WE URGENTLY NEED YOUR HELP AND SUPP PLEASE CONSIDER AT LEAST ONE ACTIVITY THAT WE CAN COUNT ON YOU TO SUPPORT.

[ ] AWARDS BANQUET
[ ] FIELD DAY
[ ] FLEA MARKET
[ ] BOOTH AT THE WWA FAIR
[ ] SWEEPSTAKES IN NOVEMBER
[ ] VE TEAM
[ ] LOGGER'S BARK MAILING PARTIES
[ ] TEACHING CLASSES
[ ] SCOUTS JAMBOREE IN OCTOBER
[ ] ARES/RACES
[ ] N KITSAP FLEA MA
[ ] OTHER MISC CONTE
[ ] MIKE & KEY FLEA M

Other hobbies, expectations, comment:_____

Do you own a computer? Yes [ ] No [ ] If so, what type?_____

How did you hear about the Radio club?_____

Seven dollars ($7.00) of your annual dues is the subscription fee for the Club's monthly newsletter(The Logger's

Club badges are available for $9.00. If you would like a badge, please PRINT the following:

Badge Name_____ Badge Call Sign_____

Applicant's Signature_____ Date_____

ANNUAL MEMBERSHIP DUES: FULL OR ASSOCIATE MEMBER $30
FAMILY MEMBER (AT SAME ADDRESS, FIRST TWO) $15 EACH (ALL ABOVE 2 AR
SENIOR MEMBER (65 AND OVER) $25 FULL-TIME STUDENT (UP TO AGE 25) $15
LIFE MEMBERSHIP = 20 TIMES ANNUAL DUES (PAYMENT PLAN AVAILABLE)

FOR RCT USE ONLY

Dues received $_____ Treasurer's initials_____ Date_____
Badge fee rcvd $_____ Treasurer's initials_____ Date_____

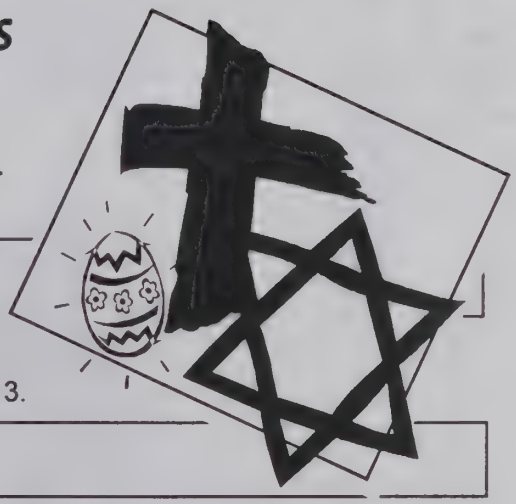
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COMING EVENTS



APR 1 - Pinochle Potluck - 7 PM at the Clubhouse

APR 5 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

APR 11 - License Exams - 7 PM - Clubhouse

APR 12 - Club Meeting - Library Administration Center, 7:30 PM
Program: Ham Radio in Thailand - George Wood, KA7HGE

APR 15 - BARK deadline (please be as on time as possible!)

APR 15 - SPECIAL VE TESTING - Paper upgrades only. Details on page 3.

APR 26 - Club Meeting - Library Administration Center, 7:30 PM
Program: Understanding Repeaters - Mike Crawford, WB7DFQ

- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- **See page 3 for meeting program schedule.** Check the weekly net for updates to the program schedule.

HAPPY PASSOVER!
BLESSED EASTER!

April 2000

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 9:00 AM OPEN HOUSE 7:00 PM PINOCHLE POTLUCK *NORA KC7JME
2 *STEF KB7PKF DST SPRING FORWARD	3 *JAMES WT7Y *JEFFREY WB7NND *ROSS KC7UFM	4 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R *DOROTHY *MARTHA N7GUE *STEPHEN KC7EUB	5 7:30 PM RCT BOARD MTG *WILLIAM KD7GEF	6 *LLOYD W7LUI	7 *CARL KC7LBE *MIKE KB7UXU *TAM KC7BAC	8 9:00 AM OPEN HOUSE
9 *HARRY N7DOE	10 *RICH WB7PYS	11 7:00 PM ARES NET 145.37R 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R *BOB WA7ZZA	12 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD	13 *DONALD K7DK *LEE W6PZF	14 *HAP KB7UXD	15 1:00 PM VE TEST SESSION-PAPER PROCESS UPGRADES ONLY-RCT CLUBHOUSE *JOE WZ7M 9:00 AM OPEN HOUSE
16 *BOB KB7SWW *JERRY K7ETU BARK DEADLINE	17	18 7:00 PM ARES NET 145.37R 7:00 PM MVWS LICENSE EXAMS 7:30 PM RCT NET 147.28R *BERNARD KD7GOE	19 *JOHN N7FOW *ROBERT W7RXS	20 *MICK KK7QS	21 *BILL W7KT *PAT N7CAK	22 9:00 AM OPEN HOUSE *DOROTHY K7JQA *JOHN KC7FGG
23 *CHANDLER KC7EYZ	24	25 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R *ROBERT K7IND	26 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD *OWEN KB IXP *VERN KD7 Z	27 *ROBERT N7HXX	28 *CHRIS KC7YEJ *MERTON KA7NRA	29 9:00 AM OPEN HOUSE
30 *TOM N7LTI						

March 2000

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

May 2000

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXVII NR. 4 | W7DK | APRIL 2000

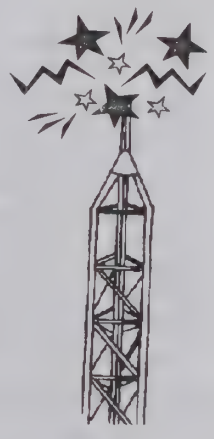
FROM THE PRESIDENT

Time is flying by. The Mike And Key flea market s over for another year and spring starts in a few days. Time to start yard work and, of course, tower work. I have already taken down three towers and have four more to do as soon as possible. It sure feels good to be back up on a tower.

I stopped by testing on Tuesday. Boy, was I surprised by the number of people testing and very pleased with the way the VE's handled the group. I feel that these people are often over looked. So at this time I want to say thanks for a job well done and for taking the time out of your busy day to be there to further Amateur Radio.

When I created jobs for the board members, my goal was to get more club members involved in club activities. Unfortunately, this has not happened and I am concern about this. My plan was to have each board member chair a committee of five or more club members. As it has turned out the board members are either doing the work themselves or are working with one or two friends. This club has a lot of potential but it will never be utilized until more people get involved. Only you, the members, can make the difference.

Til next time 73,
Alan, KB7SVU



ON THE WEB www.w7dk.org Come see us!

IN THIS ISSUE...

- **MEETING MINUTES** - Page 6
- **COMING RCT PROGRAMS** - Page 3
- **ARRL NEWS** - Back next month
- **CONTEST CALENDAR** - Back next month
- **MUSEUM NEWS** - Back next month
- **CIRCE LOG** - Page 11

Radio Club of Tacoma License Exams

APRIL 11, 2000

7 PM RCT Clubhouse

1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.65. For information call:
Al Burleson, K7HW @ 253-474-9023

Fee as of Jan. 2000 – $6.65

RADIO CLUB OF TACOMA -- 1999

PRESIDENT	ALAN HUGHES	KB7SVU	840-4947
V PRESIDENT	MORAL GUYOT	W6LIX	838-5433
SECRETARY	ED ROOT	KC7OKS	851-7463
TREASURER	CHUCK SOUTER	KA7HJN	863-2650
BOARD (5)	AL BURLESON	K7HW	474-9023
	WORTH GURLEY	W7WG	582-3844
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	GEORGE NOBLE	KK7FM	756-1127
	AL CHURCHILL	AC7BU	847-3215
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COMPOSITOR	KATHLEEN NACE	NØEYK	209-5624
PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call a club officer to pass on the word to the appropriate person(s).

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.28 / .88 MHz 144.97 - Packet
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Reinstatements

Address/Phone Changes/Corrections

E-Mail Address Changes/Additions

George Adams, KD7DOT
Wgadams@foxinternet.com

Lester R Fries, KA7MY
Efries415@aol.com

Anthony F O'Haleck
Cartozian@aol.com

Donald R Peterson, KD7DON
253-921-0452

John W Pike, N7FUS
6011 89th St E
Puyallup, WA 98371-6291
253-445-2874
jgumshoe@aol.com

Thomas J Sadler, KC7UFX
253-851-4316
tom@brinkandsadler.com

Bob Teitzel, WA7ZZA
Grace Teitzel, AD7S
Rteitz@attglobal.net
Winter address is
4555 S Mission #621
Tucson, AZ 85746

Al Churchill, AC7BU
al_wilma@email.com

New Calls/Upgrades

Silent Keys

RADIO CLUB OF TACOMA

W7DK

SPECIAL VE TESTING SESSION
FOR THE PAPER WORK UPGRADES ONLY
UNDER THE NEW LICENSE RESTRUCTURING
APRIL 15, 2000 1:00 PM

At the Radio Club of Tacoma Clubhouse
1249 S Washington St Tacoma
Contact Al Burleson, K7HW @ 253-474-9023 with any questions

Be sure to bring identification, original as well as a copy of CSCE, license, or any proof of credit for previous examinations that you have.

The fee for this session is the same as all others for 2000 which is $6.65. Make checks payable to RCT VE Team or cash is OK.

Those technicians licensed before March 21, 1987 upgrading to General may bring as proof original license, or original CSCE, or copy of page in call book which shows their license class as Technician prior to the above date or the letter obtained from the FCC which says they were Technician prior to the above date.

No code technicians who have passed the 5 WPM Morse Code test but do not have a license which shows a Tech Plus Class must bring their CSCE for the 5 WPM Code as well as the CSCE for the General written in order to upgrade.

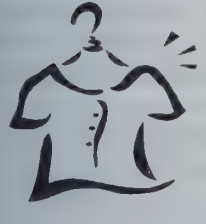
There will be no written or Morse code exams given at this testing session.

COMING PROGRAMS AT RCT

APRIL 12TH - Ham Radio in Thailand - George Wood, KA7HGE, of Puyallup, spent 25 years as a missionary in Thailand as HS1AMS and HS0ZAQ, and in Laos as XW8HV. George will show a short video program about life in Thailand and ham radio activities, including a visit to the SEANET convention, the largest ham radio convention in Southeast Asia.

APRIL 26TH - Understanding Repeaters - Mike Crawford, WB7DFQ, the Club's repeater chairman will present a basic description of VHF/UHF repeaters. Mike will familiarize the many newly licensed members of RCT with information on the proper use of repeaters, how to call a station, breaking into a conversation, making priority or emergency calls, proper terminology when using a repeater, and how to check for signal readability.

Clothing with your name and call



	12 or more	24 or more
Denim long sleeve shirt	$35.00	$33.25
Polo shirt (with pocket or without)	21.00	20.50
Crew Neck Sweatshirt	19.00	18.25
Hanes Beefy T shirt	13.50	13.25
Fleece Vest (this one was at meeting)	48.75	47.50
Fleece Vest	36.75	35.00

You can pick your own colors.

The quantities needed to realize these prices is 12 items (any mix of the items listed above), so we could reach the lower prices more easily than it having to be just one item. Payment **MUST** be made when the clothing is ordered. **No exceptions.** I have a catalog and will try to have it at the meetings if you are interested in purchasing anything.

Questions or to place an order,
call Shirley Murphy, N7QHW, at 253-265-3661 or Nora Simmons, KC7JME, at 253-847-5124.

ARES/RACES

...de Shirley Murphey, N7QHW

It continues to be a need for you to remember in times of inclement weather to tune into 145.37 repeater and see if anything is happening. If help is needed, please jump in with your call and volunteer to help. Don't wait for the phone to ring, just get on the air and volunteer.

I still don't have any definite Public Service Events and/or dates but stay tuned into the weekly net and remember, VOLUNTEER. Judy LaFleur, N7NII, and Nana Warburton, N7OIX, will be organizing these events this year. Contact them to volunteer or let them know on the weekly net. Reach Judy at 253-847-5198 and Nana at 253-581-8348. We always need lots of volunteers so please consider helping. Remember as a member, we feel it is essential that each person participate in at least one event or drill each year.

Alan, KB7SVU, needs volunteers to be trained for the Pierce County EOC. Call him at 253-840-4947 to volunteer. He also needs volunteers to help with making phone calls to schedule volunteers for events as they take place. This is an important job so please consider helping out. Again call Alan to volunteer.

Another training need that is out there is the new communication vehicle, which will be used for searches, and a multitude of other emergency events that may happen within our community. Contact Alan, KB7SVU, if you are able to be trained for this vehicle. Currently, TAC ONE organization is managing the training but check with Alan for what to do to get scheduled.

We published this information about 3 years ago but thought it would be helpful and a good reminder before we start getting into the Public Service Events again this year.

10 Ways to Optimize Your Effectiveness in Public Service Events

1. Make sure your radio is in top operating condition. Small problems (such as loose antenna connections, bad microphones, intermittent operation, etc.) may be just annoying during casual operation, but WILL cause major grief under the continuous/severe service of net/emergency operation. If your radio's not in 100% top shape, buy, beg or borrow one.
2. Don't operate your handheld with it hanging on your belt. Using the radio while it's strapped to your waist reduces your effective radiated power by more than 10 dB. That's a 90% reduction in power! Hold the radio in your hand, with the antenna in the clear.
3. Regarding antennas, those 3" rubber dummy loads may be cute, but you're throwing away 3-6 dB of power when using one. (If you're really into math, compute the loss of a 3" rubber dummy load used on a beltclip). A telescoping half-wave has a gain of as much as 10 dB over a 3' rubber duck and a quarter-wave provides a 4-6 dB improvement. Even a 12-15' rubber duck will boost your signal by 3-6 dB over the 3' ones. Remember that one dB can mean the difference in whether or not a critical message gets through.
4. Have charged batteries and spare battery packs! If you also have a dry cell battery case, fill it with alkaline batteries. Make sure you have enough batteries with you to carry you through, even on high power.
5. Use headphones or an earphone rather than a speaker/mike. Most earphones will plug directly into your HT. Low cost stereo headphones are widely available and will work perfectly with your HT using a mono to stereo adapter. The headphones also have the advantage of concentrating the communications in your ears, while partially shutting out the outside noise. Headphones will also prolong battery life by allowing the radio to operate at lower audio output. A speaker/mike is the worst thing you can use--it doesn't cut the outside noise, it doesn't save batteries, and where is that HT while you're using the speaker mike??(Hint--see #2!)
6. Speak slowly and clearly when transmitting! You may take pride in your ability to run your words together and mumble, but the station on the other end may be in a noisy environment and may not receive your message.
7. Check out your ability to use simplex. Even if operation is being conducted on a repeater, there may be "dead spots," the repeater may go down, or, sad to say, there may be jamming. Even if you can only work the two or three stations closest to you, a message can still be relayed. To maximize your simplex range, please reread #2 and #3.
8. Listen to net control and direct all communications through him/her. Identify your station when calling net control and keep all communications direct and to the point.
9. If you must leave the radio or the area to which you have been assigned, first seek permission and acknowledgment from the net control station, make your "time off" as short as possible, and check back in with NCS immediately upon your return.
10. Project a good image to the non-hams around you that are part of the event/emergency. This means acting professionally, using basic hygiene skills, etc.

Remember to check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Shirley, N7QHW.

Do you want to get involved? Simply contact Alan Hughes, KB7SVU at 253-840-4947 and let him know.

Thanks for reading this and 73 Shirley, N7QHW

PACIFIC NORTHWEST DX CONVENTION - DX 2000

Vancouver, B.C., Canada
July 28-30, 2000

The BC DX Club and the Fraser Valley DX Club invite you to DX2000 in beautiful Vancouver, British Columbia, Canada. We've changed our venue to make this event as fun and interesting for your spouse (and children) as it is for you. Our new Hilton Vancouver Metrotown hotel was chosen for it's excellent location and facilities. We are working on a fresh, new program and will be inviting many of your friends from the DX, QRP and Contest world. We look forward to your attendance to make this event the best ever.

Register now. Phone 1-800-HILTONS (Canada/USA) and ask for the special DX Convention Rate.

For more detailed hotel information on its location, etc. please check web site: http://www.hilton.com

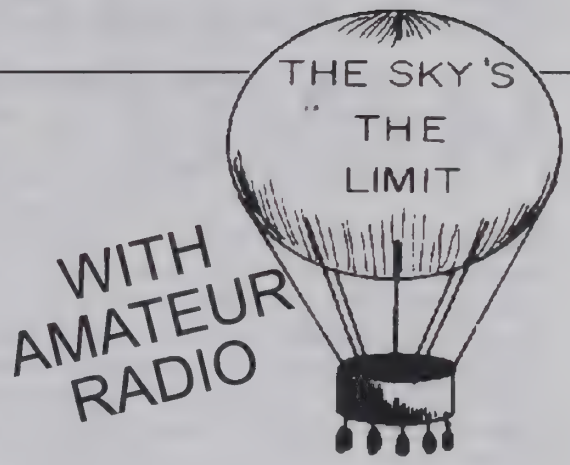
Check our DX2000 web site also for more information and downloading of registration form:

http://www.bcdxc.org

See you in Vancouver at DX2000!
Dave Johnson, VE7VR, Co-Chairman
DX2000 Organizing Committee
ve7vr@rac.ca

Thank you to Roger, WA7ANJ, for passing this on. - Ed.

APRIL CONTESTS

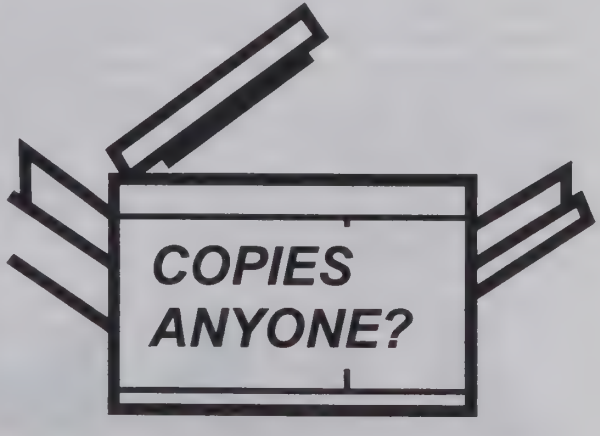


WITH AMATEUR RADIO

See you next month!

Want more info, check
www.arrl.org/contests

Hello all. I would like to keep you up to date on the efforts of the radio clubs attempt to raise enough money to buy a copier. In addition to those mentioned in last months issue of the bark, I would like to also thank Bill Watson, W9BYH, Merton Box, KA7NRA, Martha Box, N7GUE, Jeff Bauman, KC7ZWE, Don Olson, W7DON, Marilyn Olson, KJ7BN, and Don Peterson, KD7DON for their generous donations. So far we have collected $735.00 in donations. We continue to get closer and closer to our goal. With the funds transferred from the BARK printing, we are close enough that I have started the process of getting the machine. I have notified the wholesaler and told him what we are looking for. He will let me know when he finds one in good enough shape to make me happy. This should only be a short while. As soon as he calls me I will go ahead and pick it up and begin to get it ready. I will need enough money to buy the machine and some parts and supplies. If you know someone that is just dying to get their hands on a large xerox, the club has one for the taking. Please help yourself. Well that's about it for now. – A LATE UPDATE – By the time you read this I will have already picked up the machine. There is still time to get your donations in. Please help us by sending your donation, payable to RCT, to Mick Pier 908 187th St. E. Spanaway, WA 98387. Thank You and 73 Mick / KK7QS



MEETING MINUTES

Radio Club of Tacoma
Board Meeting
5 Jan 2000

Meeting started at 1930 hours.
Officers and Board members present at the meeting: Alan Hughes, Morel Guyot, Chuck Souter, Ed Root, Rich Manson, Al Burleson, Al Churchill, George Noble, Worth Gurley.
Other Members: Jerry Seligman, Mike Crawford, and Mick Pier.
Dec. 1999 Board minutes approved as amended. The refund should have been stated as being to Alan Hughes, KB7SVU, not Al Burleson, K7HW.
Correspondence: Read the letter from Mrs. Jenks about the way the club did the notice of her husband's passing. Discussion followed on remembrances of "Silent Keys".
Discussions were held on reporting of finances and upcoming budget.
Membership: 92 renewals paid, about 20 envelopes to be processed. This doesn't include Life and Honorary members.
Discussions on training and new license structure.
ARES/RACES: Thanks to all who helped with Y2K.
Discussion on problems with the 147.38 repeater, and the 440-repeater status. Also an update on the batteries for backup. M/S/P to add CTTS to the 147.28 repeater within 6 months. The club will try to set up technical help for those who need it to update equipment for this.
Old Business: None
New Business: Board members to liaison with different areas. Assignments are: Long Range Planning, George Noble; Education and Training, Al Burleson; Technical Interest Committee, Rich Manson; Public Service and Publicity, Worth Gurley,; Facilities Al Churchill.
M/S/P to use money we save from donated Bark printing to purchase copier.
Good of The Order: Discussion on the possibility of getting a computer for the club.
Adjourned at 2050.



Minutes of meeting on 9 Feb 2000 published in March 2000 BARK. Editor.

Treasurer's Report ~ Jan. & Feb

INCOME JANUARY 2000
DUES INCOME 1845.00
COPIER FUND 235.00
SOFT DRINKS 15.90
COFFEE 24.91
DONATION 50.00
BADGE SALES 18.00
FIELD DAY BUS 15.85
ARRL MEMBERSHIP 34.00
TOTAL JANUARY INCOME 2238.66
EXPENSES JANUARY 2000
REPEATER 24.00
RADIO STATION 7.37
POSTAGE 66.00
RENT 100.00
BARKS RETURNED 4.62
CLUB HOUSE SUPPLIES 46.66
OFFICE SUPPLIES 117.62
TELEPHONE 60.16
SALES TAX ON BOOK 77.00
SALES
ARRL MEMBERSHIP 32.00
PROGRAMS 35.00
TOTAL JANUARY EXPENSES 570.43

NET GAIN FOR MONTH 1668.23

INCOME FEBRUARY 2000
DUES INCOME 1220.00
COPIER FUND 390.00
SOFT DRINKS 13.50
COFFEE 117.34
MEMORIAL 100.00
BADGE SALES 45.00
FIELD DAY BUS 35.29
ARRL MEMBERSHIP 154.00
BARK SUBSCRIPTION 7.00
ROSTER SALE 2.00
BOOK SALES 451.44
JACKET SALE 39.00
TOTAL FEBRUARY INCOME 2574.57
EXPENSES FEBRUARY 2000
CLASSES 85.79
BOOK PURCHASES 156.00
FIELD DAY MAILING 0.77
TRAILER TABS 37.00
RETURNED BARK 4.40
CLUB HOUSE SUPPLIES 76.08
UTILITIES 288.20
TELEPHONE 60.16
POSTAGE 2.53
ARRL MEMBERSHIP 145.00
BULK MAILING EXP 168.50
TOTAL FEBRUARY EXPENSES 1024.43

NET GAIN FOR MONTH 1550.14

Radio Club of Tacoma
General Membership Meeting
12 Jan. 2000
Started at 1930
Flag Salute by Ed Root, KC7OKS
Correspondence: Sherwood letter. A thank you for training and a donation of $50 to the club.
Finances: Treasurer stated as published in the Bark.
Programs: Jerry Seligman, W7BUN, reported that the next meeting would be a mini flea mart. First Feb. meetings would be a video on Campbell Island DXpedition, and the second would be Judge Greg Milnes,W7OZ, ARRL Northwest Division Director. Jerry also announced about upcoming SeaPac and the Mike and Key flea market.
Program: Christopher Scott gave a presentation on rocketry, including displays, a video of a launch, and a question and answer session.
Training: Jerry, W7BUN, reported on a 6 week Amateur Extra Class, on Mondays, and a 5-week General class on Thursdays. He also talked about the FCC license restructuring, and ARRL new DXCC rules.
ARES/RACES: Thanks to all who showed up on New Years Eve and helped. No reported Y2K problems.
Flea Market: Roger Terwilliger,WA7ANJ, reported that they are getting it together early. The flyer should be ready by the end of Feb. Roger also addressed the need for a station manager for the club station.
Repeaters: Work should be started on the 147.38 repeater in the next 2 weeks. The 440 should be up and running from the clubhouse soon.
Discussions: HF beam at the clubhouse lost an element, but is still working. Repairs have to wait for time and weather. The need for net control operators for the Tuesday night net. Mt. St Helens event coming up. It will be the weekend closest to May 20th.
Copier: Mick Pier, KK7QS, updated us on the proposed purchase of the new copier.
Hints and Kinks: We got a report on how to use traps on a dipole to make it multiband.
Good Of The Order: Mac Parks, W6NBD, reported that he is doing slow speed code almost every night on the 147.38 repeater at 8 P.M. Worth, W7WG, asked for articles and/or remembrances about the club, members or activities.
Alan, KB7SVU, reported on the assignments of the board members.



Adjourned at 2110.

Radio Club of Tacoma
General Membership Meeting
26 Jan. 2000
This was the second meeting and was an informal, mostly social event. No motions were passed. Some discussion was held on upcoming events, training, and programs. The mini flea mart was held and appeared to be a suc-

Radio Club of Tacoma
General Membership Meeting
23 Feb. 2000
Meeting opened at 1942 by Morel Guyot, W6LIX, Vice President
Flag Salute led by Chuck Souter, KA7HJN
Membership: 223, with some still waiting to be processed.
Old Business: None
New Business: None
General Discussion: A copy of the Flea Market flyer was circulated. WWW.dialpad.com, reported as a way to use the microphone on your computer to talk to any phone without long distance charges. Jerry Seligman, W7BUN, announced that he will be running another General class. He also told of the next 2 programs. First in March will be a program about amateur satellites given by "The Guru" of AmSats. Second meeting will be about the Sandwich Island DXpedition.
Guest Speaker: Judge Greg Milnes, W7OZ, ARRL Northwest District Director. Greg spoke of how he got started as a Ham, how he got to be the District Director and several other topics, including: Restructuring, the Universal Licensing System, enforcement by the FCC, and the status of the League's request to the FCC for a ruling about antenna CC&R's (Covenant's, Conditions, and Restrictions.) He highly recommended that all Hams read the editorial in the current QST (just out). He also told us that his calendar is currently free on 9 Sept. and he plans to attend our Flea Market.
Reports of Illness: Merle Handy, W7QLG, is undergoing chemo. He is home but would welcome a call. Bob Lyons, KB7GTE, is at Tacoma General. He had an operation today and is supposed to be there for the next 3 or 4 days.
Copier Fund could still use some donations.
Lynn Neece, KB6OKS, is the new station manager. He would appreciate some input or suggestions.
Adjourned at 2102

Radio Club Of Tacoma
Board Meeting
1 March 2000
The meeting opened at 7:30 PM. Present at the meeting were President, Alan Hughes, KB7SVU, Treasurer, Charles Souter, KA7HJN, Secretary, Ed Root, KC7OKS, board members, Worth Gurley, W7WG, Al Burleson, K7HW, Al Churchill, AC7BU, George Noble, KK7FM, Rich Manson, N7ANF. Guests present: Mick Pier, KK7QS, Bud Mitze, K7BUD, Joyce Wennberg, No Call, Mike Crawford, WB7DFQ, Chuck Doerr, No Call
There was no new correspondence.
Committee Reports:
Long Range Planning: The club should get involved and try to earn some ARRL club awards.
Education and Training: The last classes under the old license structure are already being done. Regular testing next due date. April 15th will be devoted to doing paperwork for new upgrades.

Technical: No report
Facilities: Discussion on the ramp. How to make it better for use, and what the code requirements are. Discussion on beam antenna repairs.
Public Service and Publicity: Trying to get an appointment with a writer on the TNT to get an article in the paper.
Field Day: No report.
Flea Market: No report.
Repeaters: 440 is waiting the antenna, 147.28 is doing O.K., 147.38 is working, but problems still appear. They are being worked. K7PP, who has the 147.20 system would like to share the 147.28 frequency with a repeater at Klaloch. M/S/P to write a co-channel letter.
Old Business: Discussion on copier. The new one will be obtained and prep work on it will start so it can be moved in.
New Business: ***"W7DK At The Beach"*** the cost of the facilities at Owens Beach has more than doubled. MSP to do W7DK At The Beach, but we will shop for a better deal if possible. May 21st is the preferred date.
Good Of The Order: Discussion on having some weinie roast type feeds at the club house. We need to make sure to use ventilation when we have a big group testing. Also need to watch the noise level outside the testing room.
Adjourned: 9:12 PM

Treasurer's Report ~ March 2000

INCOME March 2000
DUES INCOME 751.00
COPIER FUND 165.00
SOFT DRINKS 13.00
COFFEE 13.75
BADGE SALES 36.00
FIELD DAY BUS 23.14
ARRL MEMBERSHIP 62.00
BOOK SALES 414.00
TOTAL MARCH INCOME 1477.89
EXPENSES March 2000
TRAILER TABS 14.75
RETURNED BARK 0.55
UTILITIES 302.85
Elec 160.59
Water 16.06
Trash 49.58
Sewer 24.08
Storm Drainage Fee 52.54
TELEPHONE 81.40
ARRL MEMBERSHIP 55.00
TOTAL MARCH EXPENSES 454.55

NET GAIN FOR MONTH 1023.34



Radio Club Of Tacoma
Membership Business Meeting
8 March 2000
Meeting opened at 1930 hours with the flag salute led by Mac, W7MSR. This was followed by introductions.
Illness or Silent Key: Merle Handy is still not feeling well. He would appreciate a call from any club member.
Correspondence: Update on badges.
Treasurers Report: In the Bark
Jerry, W7BUN, reported on the Spectrum Bill that had passed the House and was in the Senate. He also reported that in May we will be having new Technician and General Classes. The program for the last meeting in March will be another report on a DXpedition.
Program: The program was presented by Don,NS7Q. He gave a presentation on the amateur satellites and how to work some of them. He also showed some of the tracking software.
Membership: Approximately 250 year 2000 members so far, with some renewals still to be worked.
General Discussion: We have a hospital exercise coming up and several other special events. If you would like to help or need more info contact Nana, N7OIX, who is our special events coordinator.
Flea Market: Flyers are out, and being distributed. A flyer is even on the RCT web site.
Field Day: One of the generators needs to be repaired.
Facilities: Al, AC7BU, would like someone to take over as facilities person. He has other responsibilities that are taking more time than he thought.
Copy Fund: Mick, KK7QS, will go shopping for the copier.
Hints and Kinks: Chuck, KA7HJN, will bring cookies to the next meeting. Anyone else who would like to in the future please see Rich,N7ANF.
Tuning and Traffic: No report.
Upcoming events: W7DK At The Beach, and Mt. St. Helens Anniversary.
Adjourned at 2045

Health and Welfare

3/13/2000 - Kathleen, I received this from Virgil, K7VP, this evening. Thought you could put it in the bark so everyone will know how she is doing. Frank - W7FJB

Progress report
Today we visited the Doctor. His evaluation of the tumor is that it has been reduced by 35% and that the fluid is gone. The Chemo is working very well and we just might see the end of it in the near future. Joanne and I are happy with the results of the cat scan, and the Doctor is having the two cat scans reevaluated to see if there are any new things to be discovered. I understand this standard practice. Thanks to every one for your prayers, and they do help.
Virgil & Joanne Pattin

▶▶▶ ADDRESS CHANGES ◀◀◀

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to Shirley, N7QHW, @ 253-265-3661.

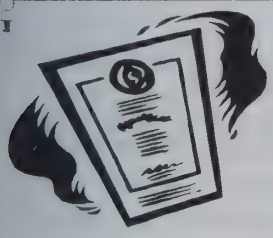
PINOCHLE



PINOCHLE & POTLUCK
Saturday, April 1st, 7 PM
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898

Your Ad Could Be Here!

Call, Shirley, N7QHW at (253)265-3661 for info.



FIRST CONTACT AWARD

Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First Contact Award will be issued.

What DO my DUES DO???

What do I get for my dues to the Radio Club of Tacoma is a question sometimes on the minds of the members. Actually, your dues support and provide you with far more than the monthly BARK, and use of the repeater.

It was not until I became Treasurer a little over a year ago that I realized just how much the RCT annual budget covers... and the expenses the Club has each year. Perhaps you would be interested in some of the big items we spent your dues money on last year. Note it cost us $17 in postage for returned copies of the BARK. It is important to notify the Club of any address changes as the PO will not forward it, and we get charged for the copies returned.

Printing the BARK	$2144
Returned copies of the BARK	$17
Insurance	$1078
Taxes	$1502
Telephone	$704
Utilities	$1665
Bulk Mailing	$500

These are just a few of the larger items included here to let you know where your money went last year. Considering the expenses we have it is important for each of us to continue to help conserve the Club's resources and keep expenses low. It also serves to remind us how important the income from the Flea Market is to our budget. If you have not already called Roger Terwilliger to volunteer for Flea Market, please do so now. Our Club provides us with many opportunities, and it is good that we support it in return.

Thank you,
Chuck Souter
RCT Treasurer

RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.
SIZES Small through XL ARE $39, XXL ARE $46 AND XXXL ARE $52.00.
GET ONE NOW!
Call Shirley, N7QHW, at 253-265-3661, to order yours today!

AREA SWAP MEETS

...and in the year 2000...

Apr 8	Lilac City ARC, Spokane, WA
May 19-21	ARRL National Convention, Dayton, OH
June 1-4	NW Division Convention, SEAPAC, Seaside, OR

SCHEDULE YOUR SWAPMEET VISIT

ELMER BOARD

Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members area their areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment

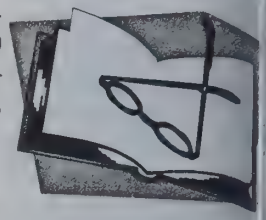
Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Frank, AB7YZ	253-752-8520	2,3
Roger, WA7ANJ	253-475-4293	1,2,3,4,7,8,11

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the board!

(Ed. Note – We need more volunteers on the elmer board. Please add your name to the list!)

Amateur Radio Exams

in the Puget Sound Region as of November, 1999



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Thursday - 7:00 PM, **Bonney Lake** Library,18501 90th St East – Contact Roxann Holwege, AB7HO, at 253-862-8905

1st Saturday - 1 PM - Boeing **Kent** Rec. Center, 226 83rd Ave So, Room "C", - Contact Rick Antes, KF7V 425-277-2220, Des Moines

2nd Tuesday - 7:00 PM - Radio Club of* Tacoma Clu *house, 1249 S. Washington St. - Contact Shir Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Cont Jim Elliot, AA7OM, 360-456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Denny's Restaurant, 13100 48th So., Contact Mary Lewis, W7QGP, 206-5 9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion H 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-07 Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, Tobin Street - Contact Mike Dinkelman, N7WA, 2 854-4031, Kent

3rd Saturday - **Sultan** - 8:30 AM - Dutch Cup Cafe, Hi way 2 - Contact Dave Axe, 360-793-2526, W7AGJ, tan

3rd Saturday - every 4th month - 9:30 AM - **Montes** High School - Pearsall Center, 2109 Sumner Ave. C tact Nick Bender, NX7W, 360-249-4671, Montesano

3rd Saturday - 10 AM - **Shelton** - Shelton Airport - Contact - Dick Bostrom, N7LD, 360-426-4627, Shelton

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity C ter, 6400 36th Ave. West - Contact Dwayne Broder KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Con Jim Elliot, AA7OM, 360-456-5571, Olympia

4th Saturday - 10 AM - **Everett** - Everett Housing Aut ity - 14th and Popular - Contact Loren Hole, KK7M, 335-5158, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, T nical Bldg, Olympic College - Contact Walt Win AA7TL, 360-692-8326, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 12 80th Ave East, Puyallup, WA 98373 - 253-845-7652

Circe Log 2000

March 16, 2000 Circe's Log - An on-going report from Stef and Marilyn on board their 40 sailboat, Circe, currently in LaPaz, Mexico.

Circe's ham radio has been quiet too long! I've tried it a few times while were "on the hard" (also known as "dry dock" or "in the yard,") but it doesn't seem to want to work without that huge water ground plane it normally sits in. But, the good news is that tomorrow, good old St. Patrick's Day, were scheduled to go back in the water. In fact, as I write this the night before, were sitting on the trailer supported by pads at the end of six huge hydraulic "arms" and the tractor to maneuver it is attached and ready to go. The tide is high around 9 am so they're planning to start at 8:00. We've never seen anything happen as early as 8, but well see.

We thought the Mexican workers were going to sand and fill and sand and fill forever. So we finally contracted with the former, former yard manager, a gringo who lives here and speaks the language (in more ways than one!) As soon as he came on board, things began to happen. It was a BIG relief to Stef and me as it was beginning to look like we could be here 10 months like our neighbors have been.

We were awakened about 6 am this morning by our other yard neighbors. They wanted us to know that they had gotten up in the night and saw someone in the cockpit. (Remember, folks, were all 15 above ground with the only access a narrow ladder). Being half-awake, they thought it was the guard and hollered Ole (pronounced "olah"). That scared the intruders and they scurried down the ladder, grabbing the boat owners expensive Tiva sandals as they ran away. There was quite a bit of dew this morning so on closer inspection we found a couple of large sandy/muddy footprints on the varnish. A third boat with the owners on board found sandy footprints all around their boat, even on the bow right over the area where they sleep. Fortunately, it doesn't appear that anything is missing. The "guard" was found asleep in one of the sheds and "Fluffy", the guard dog, was outside the fence. He became very attached to the couple that were here for 10 months. They launched on Tuesday and hes been following them throughout the marina. Tonight were all feeding Fluffy royally in hopes he'll do his job.

Now for some good news. Tuesday we decided to take a break from the "yard" routine. Along with another cruising couple, we drove North to Magdalena Bay to see if we could see the whales. We drove about two hours on Hiway 1, a two-lane, very narrow road. All the big semis have these orange triangular flags sticking out on the front and the back. We've heard the motorhomers joke that that's how they keep the sides of their motorhomes clean. We had one experience where a big truck was over the centerline about two feet. We had to hug the outside of the lane to let him by. The last hour was over a very wash-boardy road with nothing but dust and cactus and occasionally a run down shack. When we finally reached the water, we found a few lean-two type of houses, a very crude outhouse, and a couple of pangas. A panga is a Mexican boat about 20 long powered by about a 50 hsp outboard. We "negotiated" with "Juan" about the fee and the length of time we would be gone. After learning it was about a 30-minute ride out, we decided wed go for the two-hour "package." The panga was very clean and quite fast - maybe 20 mph (that's fast to us slow sailboaters). We seemed to fly over what appeared to be very shallow waters we could see shells on the bottom part of the time. In about twenty-five minutes Juan slowed down and there about 10 feet away, a mother whale and calf surfaced next to the boat. WOW, were we thrilled. The next hour was spent motoring and drifting among the whales. Sometimes we would see five or six at once, lazily surfacing, blowing and then sliding gracefully back in the water. Occasionally one would poke its head up and kind of look around as if to say, "Where are those crazy humans now?" The whales didn't seem to be bothered by us and sometimes they would dive right underneath our boat. These are gray whales that have come down the coast to have their young. They will only be here a short time before they begin their trek north. It was an hour of "look, over there." Look there. Look there! Really a once-in-a-lifetime experience.

Tomorrow the local cruisers club (Club Cruceros) is having a St. Patrick's Day dinner complete with corned beef and cabbage. We look for any excuse to get together. Have a wonderful spring and enjoy all those beautiful spring flowers. WARM regards from Stef and Marilyn on board "Circe" in LaPaz, Mexico. P. S. Mac, well be tuning up on 14.292 soon!

ARRL NEWS
Back next month.



NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW TO
CONTINUE RECEIVING YOUR BARK



HELP FOR THOSE DIFFICULT LICENSE EXAMS!

FREE CLASS

FOR THE

NEW GENERAL CLASS AMATEUR RADIO LICENSE

Length - 6 Weeks

Six Thursday Evenings

Class Starts - May 1st

Classes - 7:00 to 9:30 PM

12306 80th Ave. East, Puyallup

(South Hill)

Sponsored by:

The Radio Club of Tacoma

To Register, Call:

Jerry Seligman, W7BUN - 253-845-7652

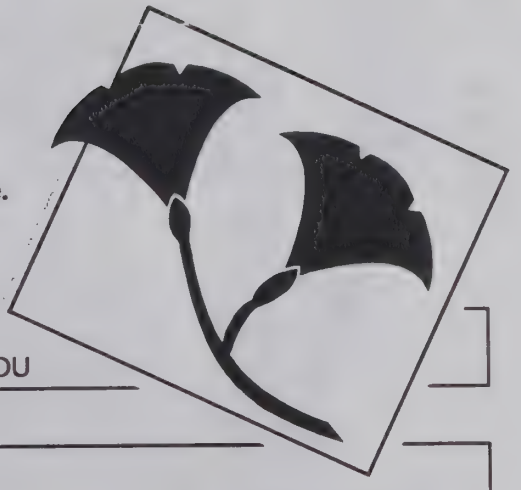
MAY 2000

HE LOGGER'S BARK
adio Club of Tacoma, Inc.
O Box 11188
acoma, WA 98411

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TACOMA, WA
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ETURN SERVICE REQUESTED

COMING EVENTS



MAY 3 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

MAY 6 - Pinochle Potluck - 7 PM at the Clubhouse

MAY 9 - License Exams - 7 PM - Clubhouse

MAY 10 - Club Meeting - Library Administration Center, 7:30 PM
Program:"The Joys of Low Power Ham Radio," Rod Johnson, KA7YOU

MAY 15 - BARK deadline

MAY 24 - Club Meeting - Library Administration Center, 7:30 PM
Program: Setting Up an HF Station , Steve Ward, WC7I

- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- **See page 3 for meeting program schedule.** Check the weekly net for updates to the program schedule.

- **OWENS BEACH** - June 11
- **FIELD DAY** - June 23-25

HAPPY MOTHER'S DAY!

May 2000

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1  HAPPY MAY DAY	2 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R *JOHN, KB7TGE	3 7:30 PM RCT BOARD MTG NEW MOON	4	5	6 9:00 AM OPEN HOUSE 7:00 PM PINOCHLE, POTLUCK
7 *LOU, KB7WDB	8 *DAVID, KG7OP	9 7:00 PM ARES NET 145.37R 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R	10 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD	11	12	13 9:00 AM OPEN HOUSE *AL KC7YGC *SHELLEY, W7ATB
14 *NICK, N7BCV HAPPY MOTHER'S DAY	15  BARK DEADLINE	16 7:00 PM ARES NET 145.37R 7:00 PM MVWS LICENSE EXAMS 7:30 PM RCT NET 147.28R	17 *PAT WA7UNF	18 *DANNY, KC7KAN FULL MOON	19	20 9:00 AM OPEN HOUSE
21 *WADE, WA7OHG	22	23 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	24 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD	25 *KATHLEEN, NOEYK	26	27 9:00 AM OPEN HOUSE *DICK W7RGD *SCOTT KA7IOX
28	29 *STEPHEN, WB7WUX MEMORIAL DAY	30 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R *SIGNE, W3IIJ	31 *MARY, W7SKR			

April 2000

S	M	T	W	T	F	S
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9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

June 2000

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4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXVII NR. 5 | W7DK | MAY 2000

FROM THE PRESIDENT

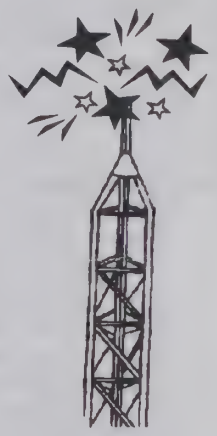
I will start off with some bad news. As you know, one element broke off the beam a few weeks ago. Well, I climbed the tower to see if I could fix it. What I found was that the element is the one that was welded to the boom and that it broke right at the weld. I also found that the end element may be cracked. It has been decided that for safety sake the beam will be taken down as soon as possible. We will decide at the next board meeting what will be done - repair or replacement.

On a lighter side - as of April 15, the airways should be jammed with all the people with new upgrades. I know I am looking forward to it. Now I just have to find the time to put up my 70 foot tower. I wonder how this will affect Field Day?

Speaking of Field Day, don't forget that it's coming up in June. Contact Jerry, W7BUN, to sign up to operate or to help with setup.

Till next month 73

Alan



ON THE WEB www.w7dk.org Come see us!

IN THIS ISSUE...

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- COMING RCT PROGRAMS - Page 3
- ARRL NEWS - Page 12
- CONTEST CALENDAR - Page 8
- MUSEUM NEWS - Page 8
- HAM RADIO IN SE ASIA - Page 11



FIELD DAY Be there!

Radio Club of Tacoma License Exams

MAY 9, 2000

7 PM RCT Clubhouse

1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.65. For information call: Shirley Murphy, N7QHW @ 253-265-3661

Fee as of Jan. 2000 – $6.65

RADIO CLUB OF TACOMA -- 1999

PRESIDENT	ALAN HUGHES	KB7SVU	840-4947
V PRESIDENT	MORAL GUYOT	W6LIX	838-5433
SECRETARY	ED ROOT	KC7OKS	851-7463
TREASURER	CHUCK SOUTER	KA7HJN	863-2650
BOARD (5)	AL BURLESON	K7HW	474-9023
	WORTH GURLEY	W7WG	582-3844
	RICH MANSON	N7ANF	474-8883
	GEORGE NOBLE	KK7FM	756-1127
	AL CHURCHILL	AC7BU	847-3215
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COMPOSITOR	KATHLEEN NACE	NØEYK	209-5624
PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call a club officer to pass on the word to the appropriate person(s).

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.28 / .88 MHz **144.97 - Packet**
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Robert E Archer, KC7KRH RCT #206
3110 Shyleen St
Gig Harbor, WA 98335-5113 253-858-727
rarche@attglobal.net

Mary Ann Iseri, KD7HYX RCT #206
4501 Grandview Dr W #112T
University Place, WA 98466-1102 253-564-492

Joseph C Douglas, KC7FF RCT #206
7442 S Prospect St
Tacoma, WA 98409-5948 253-475-644
jcdkc7ff@home.com

Clarence G Johnson, NU7K RCT #206
1408 S 372nd St
Federal Way, WA 98003-7503 Phone unknow

Reinstatements

Donald Hagedorn, KI7HJ
1728 S 44th St
Tacoma, WA 98408-1501 253-472-0069

Address/Phone Changes/Corrections

Andrew Danisher, W7RW
Change city and zip to Lakewood, WA 98499-8339

Ethel Devish, W7WLX
All correspondence and communications should be se to the following:
Mrs. Ethel Devish, c/o Joe R Devish
2611 S Cedar St. #406
Tacoma, WA 98405-2328

Vern Hase, KD7GTZ
3108 N Baltimore St
Tacoma WA 98407-3412

Chuck Inge, N7ETC
6050 S Alaska St
Tacoma WA 98408-1313

Rudy Valor, N7CJM
10001 257th Street Ct E
Graham, WA 98338-7043

E-Mail Address Changes/Additions

Look for these changes on page 4

New Calls/Upgrades

Jerry Hathaway, K7ETU
Congratulations on your upgrade to Extra Class
More upgrades on page 4

Silent Keys

Erskin Burton, W7SF
Lloyd "Pop" Shallenberger, WB7WPQ
John Loikhammer, K7ASZ

COMING PROGRAMS AT RCT

MAY 10TH - Why QRP? - Rod Johnson, KA7YOU, from Issaquah, will report on the "Joys of Low Power Ham Radio." QRP is defined as 5 watts or less on CW and 10 watts or less on SSB. Rod will have a table full of gear to show and handouts for all attending.

425-392-8497 392-6464

MAY 24TH - Setting Up an HF Station - Steve Ward, WC7I, from Olympia, will discuss the equipment required and antenna systems needed to get started in HF amateur radio, or for those already involved, some methods to improve a station. He will define SWR and explain antenna matching. The "experienced" hams in the audience will be called upon to add to the discussion.

JUNE 14TH - Final Plans for Field Day - An annual Club tradition at the last meeting before Field Day, station heads and operators will be finalized. Schedules for getting equipment to and from the FD site will be announced, and details such as food, power distribution, computer logging, etc. will be discussed. THIS IS THE MOST FUN EVENT IN HAM RADIO! Be sure to make your plans to be part of Field Day.

JUNE 28TH - Mini Flea Market - Bring your items to sell and money to purchase ham related items. Please, no "boat anchors" or anything that will scratch the tables. Mark prices on all items before you set them on the tables.

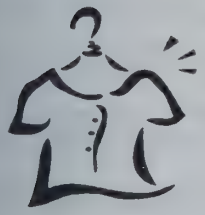
JULY 12TH - Show and Tell - Bring your commercial or homemade radio, accessories, or gadgets that you find interesting or useful; demonstrate and explain to the members the items you're displaying.

Your Ad Could Be Here!

Call, Shirley, N7QHW at (253)265-3661 for info.



Clothing with your name and call



	12 or more	24 or more
Denim long sleeve shirt	$35.00	$33.25
Polo shirt (with pocket or without)	21.00	20.50
Crew Neck Sweatshirt	19.00	18.25
Hanes Beefy T shirt	13.50	13.25
Fleece Vest (this one was at meeting)	48.75	47.50
Fleece Vest	36.75	35.00

You can pick your own colors.

The quantities needed to realize these prices is 12 items (any mix of the items listed above), so we could reach the lower prices more easily than it having to be just one item. Payment **MUST** be made when the clothing is ordered. **No exceptions.** I have a catalog and will try to have it at the meetings if you are interested in purchasing anything.

Questions or to place an order,
call Shirley Murphy, N7QHW, at 253-265-3661 or Nora Simmons, KC7JME, at 253-847-5124.

▶▶▶ *ADDRESS CHANGES* ◀◀◀

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to Shirley, N7QHW, @ 253-265-3661.

PINOCHLE



PINOCHLE & POTLUCK
Saturday, May 6th, 7 PM
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898

RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.
SIZES Small through XL ARE $39, XXL ARE $46 AND XXXL ARE $52.00.
GET ONE NOW!
Call Shirley, N7QHW, at 253-265-3661, to order yours today!



FIRST CONTACT AWARD

Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First Contact Award will be issued.

E-MAIL CHANGES AND ADDITIONS



Val Baldwin, N7VGO
Susan Baldwin, KC7AVS
suzieb@harbornet.com

Joseph C Douglas, KC7FF
jcdkc7ff@home.com

Leonard W Livermore, KB7NEM
kkll@gateway.net

Jan Twardowski, K7JT
jtwardo@earthlink.net

Jim Stephens, W7CSX
e-mail is w7csx1@juno.com

Mark Weitzenhoffer, KC7FAA
Change e-mail to weitzenhoffer@aol.com

RADIO CLUB OF TACOMA W7DK APRIL 15th UPGRADES

Here are the results of the April 15th upgrade session.

Val Baldwin, N7VGO, Extra Class
Jeff Bauman, KC7ZWE, General Class
Roy Brooks, K7OGL, Extra Class
Bob Crouch, KG7SM, Extra Class
Don Irvin, KD7DOR, General Class
Oliver Larsen, W7WIA, Extra Class
John Martens, K7JWM, General Class
Bud Mitze, K7BUD, General Class
Nick Olson, N7BCV, General Class
Frank Palmer, KC7YEF, General Class
Don Perry, K7QLC, Extra Class
Scott Peterson, KA7IOX, General Class
John Pirnie, KA7LTW, General Class
Tom Sadler, KC7UFX, General Class
Charles Stillman, N7EEL, General Class
Peter Thorsen, KC7IBI, Extra Class
Richard Watson, KD4VOM, General Class
George Wood, KA7HGE, General Class

CONGRATULATIONS!

SIGN UP FOR ARRL FIELD DAY FUN!

W7DK FIELD DAY



JUNE 23, 24, 25

THE MOST EXCITING AND FUN RADIO ACTIVITY OF THE YEAR

Location - Parkland - Close in and easy to find

Schedule:

Friday, June 23rd - clubhouse - 11 AM - load equipment onto trailer and take with generators to FD site - begin setting up towers and antennas.

Saturday, June 24th - Finish set up in AM - start operating at 11 AM.

6 PM - potluck dinner for all participants. Please bring salad or dessert.

Sunday, June 24th - 11 AM - cease operating - begin disassembly of antennas and towers - return all equipment to the clubhouse.

Everyone can operate regardless of license class. Sign up as a station head, operator, logger, tower and antenna assembler, Technician station head, help with PR, alternative power and satellite contacts

WE NEED: a potluck coordinator, trucks with trailer hitches to pull trailer and generators, shelters for stations (RV, motor home, large tents, etc.) - this is a critical need!

To sign up, call:

Jerry Seligman, W7BUN - 253-845-7652

ARES/RACES

...de Shirley Murphey, N7QHW

It continues to be a request for you to remember in times of need to tune into 145.37 repeater and see if anything is happening. If help is needed, please jump in with your call and volunteer to help. Don't wait for the phone to ring! Just get on the air and volunteer.

I still don't have definite Public Service Events and/or dates but stay tuned into the weekly net and remember, VOLUNTEER. Judy LaFleur, N7NII, and Nana Warburton, N7OIX, will be organizing these events this year. Contact them to volunteer or let them know on the weekly net. Reach Judy at 253-847-5198 and Nana at 253-581-8348. We always need lots of volunteers so please consider helping. Remember as a member, we feel it is essential that each person participate in at least one event or drill each year.

Alan, KB7SVU, needs volunteers to be trained for the Pierce County EOC. Call him at 253-840-4947 to volunteer. He also needs volunteers to help with making phone calls to schedule volunteers for events as they take place. This is an important job so please consider helping out. Again call Alan to volunteer.

Another training need that is out there is the new communication vehicle, which will be used for searches, and a multitude of other emergency events that may happen within our community. Contact Alan, KB7SVU, if you can trained for this vehicle. Currently, TAC ONE organization is managing the training but check with Alan for what to do to get scheduled.

As promised, here is the Part 2 of the Special Event Communications. This article appeared in the October 1997 issue of the ARNS newsletter and was reprinted by them from a handbook published by the Santa Barbara Amateur Radio Club (SBARC).

Enunciation and Pronunciation: Clear, distinct pronunciation is essential to communications, especially over the radio. Sloppy articulation includes lazy or mushy speech, slurring words, and running words together. Santa Barbara has a lot of Spanish names in its heritage and most of us learn the pronunciation by listening. When transmitting over the radio, use the commonly-used pronunciation. Don't talk with objects or food in your mouth. It makes understanding you very difficult. Of course, someone always calls you just as you take a bite of that sandwich you've been waiting an hour to eat, but take small bites so you can swallow quickly.

Emotions. It's sometimes difficult to not let your emotions show in your voice, especially when you're tired, angry, or busy. These emotions can be misunderstood by others. You may be very busy, but a curt response could be interpreted as your being surly, sarcastic, or angry, and now you have someone more concerned about your answer and intentions than about the talk at hand. Think before you speak. Know what you're going to say before you call Net Control. Always wait a second after you push the mike button before you talk. This will avo clipping the first word or syllable of your message. This will also allow two or mor repeaters, which are "linked" together to complete the circuit before you start. Remember"Push-2-Talk." Push the mike bu ton, count 1-2(to yourself), then talk. If yo have a one-word answer, it's best to add word or two before it. Instead of "one", you might say, "There is one person here." Or, "I say again, one".

Use expected phrases and words: Anything out of the ordinary may result in confusion and your hav ing to repeat or rephrase. If your message is technical unusual, slow down and warn your receiver, or put the event official on the radio to talk direct with the person h wants the message to go to. Use common words. Don try to be funny with some "cutsey" phrase. Avoid slang not everyone knows your jargon. It's OK and in fact ne essary to use specialized terminology, but be sure your listener speaks the same "technical-ese". Speak in wh but brief sentences. That's what your listener expects t hear. Don't speak in shorthand. Don't ramble on and don't repeat your message by rephrasing it unless aske Use plain English and no "10" codes or "Q" signals.

Remember your ABCs:

- ACCURACY
- BREVITY
- CLARITY

Standardization: Standards have been devel oped by various organizations to facilitate accurate, cle and brief communications. These standards make cor munications easier, faster, and more accurate. The ph netic alphabet we use in amateur radio is the International Phonetic Alphabet and it is used by most organiz tions except law enforcement. Practice it so you can u it easily. Numbers also have a standard of pronunciati both as individual numbers and groups of numbers. F example, 13 is said as "one three', 45 is "four five", 13 as "one three six", 500 as "five zero zero", and 1,478 i "one four seven eight". Number groups are also given they are commonly written or spoken. For instance, th phone number 681-4100 is given as "six eight one" (sl pause) "four one zero zero". It is a good idea to learn and use 24-hour time. This avoids confusion between m. and p.m. and you will find it useful in other aspects Amateur radio. Prowords are also very useful in standardizing how two operators communicate. for instance, " Say again?" replaces: "Could you repeat that, please "What did you say?" or, "I didn't hear your last transmi sion." By using a standard phrase, we know exactly w you've said and how to respond.

Try to send any message given to you exactly it was received. This is why it's a good idea to have a

pen and paper with you. If it is very detailed, put the official on the radio. Don't try to paraphrase or interpret a message; you could send the wrong information. When you receive a message to relay to your official, be sure you have it right before you acknowledge. If something is not clear, ask for a repeat. Write it down if you need to.

Net Control: The job of net control is to make sure traffic flows smoothly. Just as a traffic cop stands in the middle of the intersection and directs vehicles, the Net Controller is placed in the middle of a event net. Each case requires visibility to carry out the job. A traffic officer sees cars approaching and directs them according to the flow of road traffic. The Net Control operator directs message traffic so it flows in a smooth manner. Note that Net Control is a traffic facilitator. He or she does not have all of the answers; in fact, just the opposite is true. So don't come on and ask Neat Control a question because he or she probably doesn't know the answer. Look at your assignment sheet for a likely contact, or briefly summarize your needs to net Control.

Always listen before you transmit. It is quite annoying for someone to start talking right in the middle of someone else's conversation; it wastes air time, causes confusion, and makes the Net Controller very unhappy! Net Control operators keep written logs of everything that occurs on the net, including a summary of everything you say. The logs are useful as a reference during the event to answer questions that might come up. They are also the only legal documents kept about an incident and have been invaluable when questions arise later about such things as accidents. Always give the identification of the station you wish to call first, followed by your call. For example, "Net Control, this is Check Point Three."

Keep a copy of your event information sheet with you. This enables you to determine what Event Communicator is assigned to each location and/or official. When you need to pass a message, ask Net Control to "go direct" with that operator. For example, "Net Control, Check Point Three, request direct with Run Director". Net control will say, "Go Ahead". You say, "Run Director, Check Point Three". The communicator with the Run Director answers, he says, "Check Point Three this is Run Director. Go ahead". You then proceed with your traffic. At the conclusion of the exchange, each Event Communicator will sign off with his or her FCC call sign. Net Control is frequently very busy with work on other frequencies, the telephone, or other talks. If you call Net Control and don't get an immediate reply, be patient and call again in 30 to 60 seconds. If it is an emergency, say so. If you still get no answer, proceed with emergency traffic without Net Control. However, the reason you don't get an answer may be that you are in a bad location and not being heard; try moving to another spot and try again. If you have emergency traffic, use the word "Break". This word is for emergency traffic only! All communicators will immediately cease use of the frequency and yield to the breaking station.

Sometimes several stations have traffic or messages at the same time. net Controllers usually like to solve one problem before moving to another. If you are asked to stand by, please do so. The Net Controller will get to you either in the order of your call or by the nature of your traffic. If you must move off your assigned frequency for some reason, advise Net Control when you leave and again when you return. If someone is having trouble with a radio, or some other kind of question comes up, don't jump in to help unless you are asked! It often causes much confusion, so let Net Control handle it. When your assignment is completed and you are ready to leave your position, "Check out" with Net Control. This insures we can account for all our people. If you go home without telling us, we have no way of knowing that you didn't fall down and break both your leg and your radio!

Now go have fun with amateur Radio!

If you do not have a State Workers Identification Card and want to volunteer, you need to get a card and here is how to do it. I extend a personal invitation to each of you to get involved.

For those of you already have a card, remember, check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Alan, Bob or Shirley (info at the end of the article). Also, find out which Fire District and Fire Zone you are in and let us know.

Volunteers are still needed for manager positions, contact Alan or Bob to volunteer.

If you have not joined ARES/RACES and would like to, contact Alan, KB7SVU, ARES Emergency Coordinator, at 253-840-4947 or see Shirley, N7QHW, at any Radio Club of Tacoma meeting for an application.

PACIFIC NORTHWEST DX CONVENTION - DX 2000

Vancouver, B.C., Canada

July 28-30, 2000

The BC DX Club and the Fraser Valley DX Club invite you to DX2000 in beautiful Vancouver, British Columbia, Canada. We've changed our venue to make this event as fun and interesting for your spouse (and children) as it is for you. Our new Hilton Vancouver Metrotown hotel was chosen for it's excellent location and facilities. We are working on a fresh, new program and will be inviting many of your friends from the DX, QRP and Contest world. We look forward to your attendance to make this event the best ever.

Register now. Phone 1-800-HILTONS (Canada/USA) and ask for the special DX Convention Rate.

For more detailed hotel information on its location, etc. please check web site: http://www.hilton.com

Check our DX2000 web site also for more information and downloading of registration form:

http://www.bcdxc.org

See you in Vancouver at DX2000!

Dave Johnson, VE7VR, Co-Chairman

DX2000 Organizing Committee

ve7vr@rac.ca

Thank you to Roger, WA7ANJ, for passing this on. - Ed.

MAY CONTESTS



WITH AMATEUR RADIO

6-7
MARAC County Hunters Contest, CW. See your April 2000 QST page 101.
ARI International DX Contest
Danish SSTV Contest
Indiana QSO Party
Connecticut QSO Party
Massachusetts QSO Party
US IPA Contest
VHF/UHF Spring Sprint, 902 MHz/1296 MHz/2304 MHz.

13-14
Armed Forces Day Although Armed Forces Day will be celebrated on Saturday, May 20, 2000, the Secretary of Defense has designed May 13-21, 2000 as Armed Forces Week. To avoid a conflict with Dayton Hamvention, the Army, Air Force, Navy, Marine Corps, and Coast Guard are co-sponsoring the annual Amateur Radio communications tests in celebration of the 50th Anniversary of Armed Forces Day on May 13-14, 2000.

CQ-M International DX Contest
Fists CW Club Spring Sprint
Nevada QSO Party
Oregon QSO Party
VHF/UHF Spring Sprint, 50 MHz

20-21
Major Six Club Contest

28-30
CQ WW WPX Contest, CW
ARCI QRP Hoot Owl Sprint, CW
Memorial Day CW Sprint

Want more info, check
www.arrl.org/contests

MUSEUM MUSINGS

The Museum of the Radio Club of Tacoma is, a many of you know, dedicated to the memory of Dr. Clifford Spike, W7OS. When any of the older equipment lo cated in the museum room or in the display room on the first floor is put on the air the call W7OS, specially licensed to the Museum, is used. If any of you have any recollections and stories about Dr. Spike, our Club, and earlier amateur radio, please send them via mail, e-mail telephone, or word-of-mouth to me for use in the Bark o posting in the Club house. Jerry W7BUN gave me copy of the news clipping and the "In Memoriam" when Dr. Spike passed on in 1991 for the Bark and posting in the Club house. Following are quotations from the Tacoma News Tribune of May 13, 1991: "Dr. F. Clifford J. Spike was born September 23 1900 and died May 11, 1991. He was a lifelong resident of Tacoma and practiced dentistry for 50 years in the Medical Arts Building.

"'Doc' got his first ham operator call sign in 191 and was one of the originators of the Tacoma Radio Cl in 1917 and became president in 1930. He was also a lieutenant in the Naval Communications Reserve and a pointed Communications Officer for Tacoma Civil Defense from 1941 to 1950. 'Doc' was also Master of Ancient Lodge #268 in 1934, president of Tacoma District Dental Society of Tacoma in 1942, again president of th Radio Club 1956-57 and in 1966. He was president of the Knife and Fork Club 1955-56.

He was a member of the First Christian Church for 79 years and is survived by son, F.C.James Spike J Tacoma; daughter Marilyn J. Dore, Wilmington NC; five grandchildren and six great-grandchildren..." Pallbeare were: Harry Lunetti, Harry Mauermann, Ralph Pollock, Lowell Spry, Harold Pevey, and Curtis Parsons.

I have heard bits and pieces about Doc Spike's influencing hams to join Navy in communications during WW II, but it would be great to get that story in the BAR At the Museum we really need some members who wo like to research early Club history and early amateur ra history in the wonderful collection of material we have i the Museum. For example, just seeing the ads in QST CQ, or Ham Radio of an early rig you had is a thrill.....a reading the early QST editorial that came to the conclu sion that real hams use only CW!! George Wood KA7HGE, who gave such an interesting presentation a recent Club meeting about his amateur radio experienc in Thailand, Laos, and Viet Nam during the years he w a missionary there, consented to write a story for this is sue of the BARK. What about your doing the same?!?

Worth Gurley, W7WG, 253-582-3844

MEETING MINUTES

Radio Club of Tacoma
General Membership Meeting
2 March 2000

The meeting opened at 7:30 PM with the flag salute being led by Al Burleson, K7HW.

Health and Welfare: Lorna Nelson, KB7YTJ, is in St. Joseph hospital. Merle Handy, W7QLG, is doing well and would appreciate calls. Morel Guyot, W6LIX, has had cataract surgery.

ARES/RACES: On alert this weekend. A sign up sheet was sent around. A report was given on the hospital exercise that was held today.

Jerry Seligman, W7BUN, talked about Field Day, the new training, and coming programs. Next program will be Life and Ham Radio in Thailand. Last meeting in April, all about repeaters.

Program: Video on Dxpedition to South Sandwich Island.

Tuning and Traffic: New country..East Timor.

W7DK at the Beach is locked in at Owen's Beach for 11 June.

Adjourned at 8:20 PM.

Ed Root, KC7OKS, Secretary



Radio Club of Tacoma
Board Meeting
5 April 2000

Meeting opened at 7:30 PM.

Attendance: Alan Hughes, KB7SVU; Morel Guyot, W6LIX; Chuck Souter, KA7HJN; Ed Root, KC7OKS; Al Burleson, K7HW; Al Churchill, AC7BU; George Noble, KK7FM; Rich Manson,N7ANF; Worth Gurley, W7WG; officers. Byron Kabrani, K3ROT; Chuck Doerr; Walt Livermore, KB7NEM; Don Hagedorn, KI7HJ, visitors, and Kathleen Nace N0EYK, editor.

Correspondence: Letter from Secretary of State of Washington about non profit status report. Treasurer said we had already paid it and he would respond.

Treasurer's Report:

INCOME March 2000

DUES INCOME	751.00
COPIER FUND	165.00
SOFT DRINKS	13.00
COFFEE	13.75
BADGE SALES	36.00
FIELD DAY BUS	23.14
ARRL MEMBERSHIP	62.00
BOOK SALES	414.00
TOTAL MARCH INCOME	1477.89

EXPENSES March 2000

TRAILER TABS		14.75
RETURNED BARK		0.55
UTILITIES		302.85
Elec	160.59	
Water	16.06	
Trash	49.58	
Sewer	24.08	
Storm Drainage Fee	52.54	
TELEPHONE		81.40
ARRL MEMBERSHIP		55.00
TOTAL MARCH EXPENSES		454.55
NET GAIN FOR MONTH		1023.34

Presidents Report: Neighbor to the north said we could use tree for an antenna. He made a request to use our side lot for a block party. After discussion it was decided to not allow this because of liability concerns.

Committee Reports:

Education and Training: There will be a special upgrade session on the 15th. K7HW

Facilities: Some mowing has been done, and the porch has been painted. AC7BU

Public Service: Still working on getting the newspaper down to clubhouse. W7WG

Old Business: Still getting estimates on cost of handicap ramp.

Discussion on the new copier and how the Bark is to be done.

New Business: M/S/P to do a mailing to people who have not yet renewed.

The Boy Scouts have an event at Ft. Lewis May 19-20. After discussion it was decided that the club would try to participate. George, KK7FM, will co-ordinate with the scouts.

Discussion on repairs to the garage roof. M/S/P to have Don Hagedorn, KI7HJ, do the work.

Discussion on a report from the neighbor to the south about noise. It may be the antenna or the light. It will be checked when weather permits climbing the tower.

Discussion on repairing the Drake TR7 radio. We will try to do in house. Kathleen Nace, NØEYK, may be able to get some info about the trouble.

Good Of The Order: Discussion on the new web site. Pros and Cons.

Discussion on letter about donations to the club. Alan, KB7SVU will respond.

Adjourned at 8:25 PM.

Ed Root, KC7OKS, Secretary



Radio Club Of Tacoma
General Membership Meeting
12 April 2000

The meeting was called to order at 7:30 PM by the President, Alan Hughes, KB7SVU. The flag salute was led by Roger, WA7ANJ, and was followed by the introduction of everyone attending.

Treasurer's Report: None

Correspondence: None

A certificate of appreciation from the Civil Air Patrol, thanking the Radio Club of Tacoma for it's participation in the teaching of Amateur Radio Classes to the Cadets, was presented to Alan Hughes, KB7SVU, by Lorraine Robertson, KA7WGG.

Program: George Wood, KA7HGE presented an interesting program on Ham Radio in Thailand. **Classes:** There will be a class for the new General License, starting on the first of May. Anyone interested in attending contact Jerry, W7BUN.

Field Day: Volunteers are needed. It will be held on the last weekend of June. Contact Jerry, W7BUN, if you can help.

Museum: Worth, W7WG, would like some volunteers to work on some of the older radios. He is also interested if anyone has any ideas for publicity and would like anyone to write what Ham Radio means to you. Contact Worth, W7WG, with any ideas you have.

Good Of The Order: A new flower box was made by Rich, N7ANF. Cookies: Donations are needed for the meetings. The beam antenna will be taken down 14 April, for repairs on the element that fell off and another one that is cracked.

The meeting adjourned at 8:55 PM.

Respectfully submitted, Nora A. Simmons, KC7JME

HEALTH & WELFARE

Kathleen;

I received this from Virgil, K7VP today, Monday, April 24th. I pass it on to you for inclusion in the BARK. Obviously, any and all prayers and/or positive thoughts on her behalf will be appreciated.

Frank - W7FJB

++++++++++++++++++++++++++

Frank,

Today at the Doctor's office, we found that Joanne's cancer is now rampant. Last week we took 700CC of fluid from her left lung. She should have rebounded from that well, but she has gone downhill instead.

She is now on oxygen at 4 liters (that is high) and almost panting. The Doctor told us that all the treatment that we have done should have eliminated the cancer, but it has not.

He told us that she has about 5-8 weeks.

Please pray for us. My strength is good so far, but that could change any time.

Virgil & Joanne

CW Anyone?

Here are 2 opportunities to work on your CW.

I would like to know, if there would be anyone interested if we started a 2 meter cw simplex code practice schedule. I have been thinking about daily, and maybe 6 am and 5 pm. Alternate days could be character practice and text. Mac's code has been great but there has been so much interference that has made it difficult to copy. We could possibly send copy from the bark so that you could check your copy.

Please let me know if you want this. Thank you.

Al Churchill. e-mail is al725@juno.com.

James R Stephens wrote:

With restructuring now accomplished, have you detected any increased interest in learning the code? If so, does the club need an Elmer in this area? I could help if students were willing to trek out here to our QTH. I'd be willing to take on a maximum of two at any one time, limited to a couple of hours on Sunday afternoons. If you know anyone who can use this sort of help, put them in touch with me at 846-6564 and I'll see what I can do. 73, Jim (W7CSX)



FIELD DAY 2000

VOLUNTEER TODAY!

MY EXPERIENCE WITH HAM RADIO IN SE ASIA

by George Wood, KA7HGE, semi-retired missionary to Thailand and new member of R.C.T.

My growing up years were spent in the heartland of America in a small suburb of Chicago, Ill. My interest in radio started when as a family we regularly listened to our multi-tube Zenith radio occupying a prominent place in our living room. At sometime during those days I obtained a kit that enabled me to build a crystal set that included a coil wound on an oatmeal carton, a variable capacitor, a pair of earphones and a crystal with a "tickler". Much to my amazement, I was able to listen to many local AM stations on that set. I guess from that time on I was "hooked" on the wonders of radio. I also became aware of amateur radio through an acquaintance with a retired gentleman who was a ham and friend of our family.

Later, as a young adult and now married, my wife and I felt led by God to make ourselves available for overseas missionary service with our church. We were first assigned to serve in Viet Nam in 1960. While there for 3 years, my interest in short-wave radio was renewed, since the only states-side news that we could get was from Voice of America broadcasts. Short-wave-listening became a regular part of our lives in those days. After a 10-year interlude in the U.S. because of health reasons, we were once again assigned to S.E. Asia - this time to the country of Laos. While living and working in Vientiane, I became acquainted with some other Americans who were hams. In those days, it was very easy to get a ham license by just filling out some forms and stating what equipment would be used, location, etc. So my first experience with ham radio began 1974 with the call XW8HV using a Swan 350 and some kind of generic beam purchased from local U.S. ham who was returning stateside. It was during that time my association with Bill Bennette, W7PHO, began and continued for many years. Eventually he became my QSL manager.

By 1975, we found ourselves being transferred to the neighboring country of Thailand because of the fall of Laos and Viet Nam to the communists. I believe ham radio began in Thailand in the 1970s by a colonel in the Thai army. Because of Col. Kham's many contacts with government officials, he was able to get permission to begin amateur radio activity and the Radio Amateur Society of Thailand was organized. Since it was not possible to get a reciprocal license in Thailand with my Lao license, I had to wait about 5 years before getting a Thai call. I was on the air as HS1AMS from 1979 til 1982 and was able to take advantage of the then current sunspot cycle with fantastic propagation conditions. Col. Kham was "Mr. Ham Radio Thailand" until his death in the early 1980s. Unfortunately, upon of his death, all previous agreements that had been worked out with the government became null and void. It wasn't until the late 1980s that the whole matter of amateur radio again became a reality in Thailand under new leadership in R.A.S.T. including Marjorie, the wife of Col. Kham. Finally, in 1994, I was able to once again obtain a Thai call - this time HS0ZAQ - and set up a station in the heart of Bangkok with a TS450S and an A3 antenna on a 60 ft. tower. The last 3 years we served in Thailand, I was quite active on HF. But unfortunately propagation was not the best then. Currently, R.A.S.T. is undergoing another reorganization that should bring amateur radio in Thailand up to international standards. There are about 100 members of R.A.S.T., who are mostly Thai, with about 20 members being from other countries. Most of those who are active on HF are expatriates because of the restraints that many Thai experience in using English.

(Thanks George, for a very interesting story that has brought a club meeting to those of us who cannot attend. Welcome to the Radio Club of Tacoma! Kathleen)

ARRL MEMBERSHIP

If you haven't joined or rejoined the ARRL, please do so through the Radio Club of Tacoma! The ARRL is the major voice for Amateur Radio in the US and, besides providing a wealth of information to its members, they provide us with a voice in Washington to help protect the interests of all amateurs. Additionally, RCT is an ARRL Special Service Club and RCT needs to have at least 51% of its members belong to the ARRL to retain its Special Service Club status. See the Treasurer for application forms, and bring your ARRL renewal notices and rejoin through the club. The club receives a commission for each new or renewed membership sent through the club.

JOIN TODAY!

See our club treasurer for details.



◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet.

HAMS HELP GET WOUNDED BOY FROM HIGH SEAS TO HOSPITAL

In a dramatic situation off the coast of Central America, Amateur Radio operators on the 20-meter Maritime Mobile Service Net helped get a wounded boy to safety after he was shot by what were being called "pirates."

The nightmare began the afternoon of March 28 for the family of Jacco van Tuijl, KH2TD, as he and his 13-year-old son Willem, were in an inflatable dinghy, not far from their 44-foot sailing sloop. Wife and mother Jannie van Tuijl, KH2TE, remained aboard the sailboat. The van Tuijls, from the Netherlands, have been cruising various parts of the world since 1995.

van Tuijl said the family was anchored behind a reef with a couple of other sailboats in the vicinity–one at anchor–some 50 miles off the coast of Honduras. The father and son were visiting with acquaintances aboard the other anchored sailboat when Jacco van Tuijl saw four or five men in an open wooden boat come alongside his vessel and board.

van Tuijl and his son headed back toward their vessel, but one of the pirates brandished a "machine gun" when they were about 20 yards away. In ensuing gunfire, the boy was wounded in the abdomen and the dinghy was damaged and flipped over, dumping the pair into the water. van Tuijl said the marauders "got nervous" and soon left the scene after taking the damaged dinghy and outboard motor with them.

van Tuijl managed to get his injured son, bleeding badly, back on board his sailboat. He then turned on his radio to seek help, breaking into a QSO involving Phil Fiol, WB2BMC, in Florida. Fiol moved KH2TD down to the Maritime Mobile Service Net on 14.300 MHz while the other station called the US Coast Guard. Other amateurs in the US–alerted to the incident by the Maritime Net activity–also contacted the US Coast Guard, which, in turn got in touch with Honduran authorities. A Honduran Navy station came on frequency several hours later to help coordinate the rescue effort with van Tuijl.

Fiol credits Frederick Moore, W3ZU, in Pennsylvania–a fluent Spanish speaker–with helping to translate. Fiol says he and W3ZU alternated net control duties during the long night. He said other assisting stations included WB1AVE, KD5BZ, J39GH, N3FK, W1KY, and YV5/VE7AMV.

The van Tuijls' vessel and the other two vessels in the vicinity then pulled anchor and headed for the Honduran coast to rendezvous with a Honduran Navy vessel. In the meantime, the family rendered first aid to Willem. Two Amateur Radio-physicians--one of them Dr Jim Hirschman, K4TCV–in Florida provided the family with valuable medical advice that van Tuijl thinks helped to keep the youth alive overnight, despite heavy loss of blood. He also expressed his gratitude for the amateur support. "You guys are great!" he told those on the Net.

Once the van Tuijls' vessel arrived off Honduras Wednesday morning, the boy and his mother were taken aboard a Honduran Naval vessel, then airlifted to a hospital, where Willem underwent surgery Wednesday afternoon. Jacco van Tuijl stayed aboard the sloop. Through an Amateur Radio phone patch arrangement via Ed Petzolt, K1LNC, in Florida the van Tuijls were able to discuss their son's condition.

Jacco van Tuijl said he and his wife decided to get their Amateur Radio tickets during an extended stay in Guam, because they sometimes sail in remote regions. van Tuijl agreed that the decision to get licensed turned out to be a good one.

van Tuijl said the family was on its way back to the Netherlands when the incident occurred. He says he hopes the name of his vessel–Hayat–will be a good omen. In Turkish, his mother's native language, van Tu said, "it means 'life.' That's got to be a good sign."

Petzolt appealed to the White House in an effort to expedite US medical aid for Willem van Tuijl, who was in a hospital in La Saba, Honduras. Doctors there recommended he be taken to the US for further treatment for his serious and potentially life-threatening injuries. The situation was said to be complicated by the fact that the youngster is a foreign national. Doctors told the family that if Willem does not get proper medical followup within the next day or two, it could lead to irreversible complications.

Through the office of ARRL President Jim Haynie, W5JBP, arrangements were made for Willem van Tuijl to be transported to Children's Medical Center Dallas. The hospital graciously agreed to accept Willem as a patient and treat him without first having a guarantee of payment. The hospital also provided transportation for the boy from Vicente de Antonio Hospital in La Saba, Honduras, to the US.

The arrangement with Children's followed contacts by Haynie's office with US Rep Pete Sessions. Willem's parents, Jacco and Jannie van Tuijl, KH2TD and KH2TE, accompanied him to the US.

Another last-minute wrinkle also was overcome thanks to the generosity of the local Amateur Radio community in La Saba. The hospital in Honduras reportedly would not release the youngster until it had been paid. Willem's father had signed a payment voucher, and local amateurs there have said they will cover the bill.

OLD SATELLITE RETOOLED FOR NEW USE

UO-14 is proving that you can teach an old bird new tricks. The venerable British satellite recently was switched to FM repeater mode, and reports already are coming in from hams who've worked it using pretty modest equipment.

The satellite's controller Chris Jackson, G7UPN/ZL2TPO, says UO-14 was launched in January 1990 and spent its first 18 months in orbit operating as an amateur store-and-forward satellite, prior to the launch of UO-22. It was then switched for use by Volunteers In Technical Assistance, who used it for messaging into Africa.

"Since the computer which is used for store-and-forward communications is no longer able to perform that task, UO-14 is no longer usable in this mode," Jackson says. "It is, however, possible to use the satellite as a single-channel FM voice repeater, and I have just configured the satellite to do this."

The satellite works as an "FM bent pipe repeater satellite" in full duplex. Operators with full-duplex transceivers will be able to hear their downlink signal as they transmit. Half-duplex operation also will work satisfactorily.

The uplink is 145.975 MHz, and the downlink is 435.070 MHz. Jackson says he plans to leave the satellite in FM mode for the next few weeks. "If it is useful, then I will probably leave it running," he said. "If it isn't used, it will be switched to transmitting telemetry."

Houston AMSAT Coordinator Bruce Paige, WK5DO, says no more than 5 W is required to make a contact with UO-14, and some have made it with as little as 1.5 W. "It should be a very suitable bird for those with an H-T and a rubber duck," he said.

ARISS CREWS GET INITIAL HAM GEAR TRAINING

The first International Space Station expedition crew and its backup crew have received some initial training on the use of the initial US-provided Amateur Radio gear to be installed as part of the Amateur Radio on the International Space Station, or ARISS, effort.

As part of the ARISS training effort, NASA's Matt Bordelon, KC5BTL, is preparing a consolidated schedule for training in the US and in Russia that will include familiarization with equipment, packet theory and hands-on training, using a hardware mockup, and simulation. Training will focus on general principles of ham radio as well as preparations to use ham radio, equipment types and operating modes, and general packet module information and software.

PHASE 3D COULD LAUNCH IN JULY!

The Phase 3D next-generation Amateur Radio satellite has been tentatively scheduled to launch in late July. The information is included in the "Provisional Ariane Launch Manifest" for February through July of this year that appears in the February edition of the Arianespace newsletter. If the schedule holds, the Phase 3D satellite would be sent aloft on Ariane 507, flight V132. A specific date in July was not available.

A launch contract accepting Phase 3D as a payload for the first suitable Ariane 5 launch vehicle was signed last October. The Phase 3D satellite now is at the European Spaceport in Kourou, French Guiana. Phase 3D will be stored in its shipping container, housed in an air-conditioned integration building at the launch complex until launch preparations commence. All systems have been shut down and the batteries left uncharged.

For more information about Phase 3D, visit the AMSAT-NA Web site, http://www.amsat.org/.

CLEARWIRE WITHDRAWS SPREAD SPECTRUM PETITION

Clearwire Technologies has withdrawn its Petition for Reconsideration asking the FCC to reconsider the revised spread spectrum rules it issued last summer. The new rules became effective November 1.

Clearwire manufactures high-speed wireless Internet and network access devices operating at 2.4 GHz, where there's an amateur allocation. Fearing possible amateur interference with its Part 15 products, however, Clearwire had wanted the FCC to reconsider portions of its Report and Order.

Calling Clearwire's Petition "frivolous," the ARRL in January called on the FCC to dismiss it and to reaffirm its original Report and Order. The League said none of Clearwire's requests was reasonable and suggested the company had no standing to propose "new, burdensome restrictions" on amateur operation. The ARRL noted that FCC rules do not afford Part 15 devices any protections from interference from licensed services, such as Amateur Radio.

Disagreeing with the ARRL's stance, Clearwire pointed out in its withdrawal letter that while Part 15 devices must accept interference from "authorized" radio stations, "Clearwire does not waive its right to seek relief from unlawful Amateur operation in the future."

HEALTH PROBLEMS PROMPT BOB BROWN, NM7M, RELOCATION

Because of various health problems, well-known propagation and antenna guru and author Bob Brown, NM7M, has relocated to an assisted living facility. His new address is Bob Brown, Alliance Community Living, 1105 27th Street, Room 110, Anacortes, WA 98221; 360-299-8632; bobnm7m@baker.cnw.com, or call 360-293-3174 and leave a message.

Brown says that until he fully recovers from problems with his legs he must use a walker or a cane. He expects to be at his present location indefinitely. Brown says he does not expect to return to the Guemes Island house he shared with his late wife and former ARRL Northwestern Division Director Mary Lou Brown, NM7N. Brown also says the move will curtail his Amateur Radio and ozone research activities.

US APPEALS COURT UPHOLDS RF EXPOSURE REGULATIONS

The US Court of Appeals for the Second Circuit has upheld the FCC's 1996 RF exposure guidelines. The court also turned away a challenge to the FCC's exclusive ability to regulate relevant radio facility operations. The wide-ranging challenge was brought by the Cellular Phone Taskforce and was joined by other petitioners including the Communications Workers of America.

In an opinion released February 18, the three-judge panel upheld the FCC against the challenges on all points.

5 MHz EXPERIMENTAL OPERATION CONTINUES

Participants in the WA2XSY experimental operation on 5 MHz have established beachheads on the most likely site of the next amateur HF band. The FCC issued the Experimental license for the 5 MHz tests to the ARRL in January 1999.

One goal for the project is to demonstrate that an amateur allocation at 5 MHz would improve emergency communication capabilities by filling the gap between 80 and 40 meters. Several WA2XSY participants are phone net members in the Caribbean and Gulf area who frequently handle hurricane-related traffic and now must alternate between those two bands. Other participants are members of a nationwide digital data-forwarding network.

Activity has centered on two frequencies, a primary and an alternate, between 5100 and 5150 kHz. To avoid interfering with existing services, the participants are confining their operations to a less-populated 50-kHz segment.

Even if the experiment demonstrates the desirability of an amateur allocation in the vicinity of 5 MHz, it is likely to take several more years to win an allocation even on a domestic basis. Securing an international allocation will be more difficult and will take even longer. The subject of a 5 MHz Amateur Radio allocation is not likely to show up on the agenda of a World Radiocommunication Conference for several years.

NEW DXCC ENTITY--EAST TIMOR--IS ACTIVE

East Timor—now under United Nations administration—has become the latest DXCC entity, and two stations already have been on the air from the former Indonesian territory. The International Telecommunication Union has assigned the prefix block 4WA-4WZ for use by radio stations within the areas administered by the UN Temporary Administration of East Timor—or UNTAET. The prefix assignment is for the use of UNTAET as long as it exists. It will be released to the ITU at the end of its existence.

UN stations within East Timor may be assigned 4U prefixes for official use, while UN Amateur stations may use the prefix 4U1. This includes the UN Amateur Radio Club station, 4U1ET. All private Amateur Radio stations in East Timor will use the prefix 4W6. Permanent residents of East Timor who were previously licensed also may obtain permanent call signs. Third-party traffic is permitted within the area, and with countries that permit third-party traffic.

For DXCC purposes, UN Temporary Administration of East Timor will be added to the DXCC List with the effective date of March 1, 2000. QSL cards for QSOs made after that date will be accepted starting October 1, 2000.

MIR IS BACK ON THE AIR

Ian Coots, VK3YIC, reports the Russian Mir space station was on the air working VK stations April 13 on 2 meter FM simplex (145.985 MHz). The operator identified variously as R0MIR and U8MIR. "Your signal 59, very nice. Thank you for contact. 73. Bye!" the Russian-accented operator told one VK station in an audio clip Coots provided

NEVER TOO OLD

You're never too old to upgrade: Volunteer Examiner John Creel, WB3GXW, of Maryland's Laurel VEC, reports a heartwarming experience at a VE session Sunday, March 26, at the Greater Baltimore Hamboree and Computerfest. During the session, the team tested 148 applicants who took 205 elements, including several upgrades to Extra. "The highlight was when Charles A. Ear Jr, W3DKT, came through the door," Creel relates. "He had in his possession his 1933-issued license. At 83 years and one month he upgraded to a grand Extra by passing Elements 4B and 1C. His CSCE was signed by all 23 VEs who worked the session. What a day!"

FCC INVITES CLOSER PARTNERSHIP WITH OFFICIAL OBSERVERS

ARRL Official Observers will be encouraged to play a more regular role in Amateur Radio enforcement, now that the FCC has established a credible Amateur Radio enforcement presence.

"It's really up to the Amateur community and to the OOs as to how much we want them to come in and start playing a role," Special Counsel for Amateur Radio Enforcement Riley Hollingsworth said this week.

His remarks followed a discussion on the role of Official Observers during a recent meeting of the ARRL Enforcement Task Force. The League invited Hollingsworth to attend the meeting to compare notes with him and to stress that the League wants enforcement to remain an important FCC initiative.

FCC QUESTIONS "CAPTAIN TRUTH" SUSPECT

The FCC has zeroed in on a Newton, North Carolina, Extra class licensee as a prime suspect in its "Captain Truth" investigation into unidentified Amateur Radio transmissions and malicious interference.

FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth wrote John M. Yount, K4QIJ, March 29, citing FCC and other close-in monitoring evidence to indicate that Yount's station was the source of "malicious interference and jamming" on 20 and 75 meters. "Radio direction finding bearings have led to your residence and antenna at 225 N Gate Road in Newton," Hollingsworth told Yount. The FCC said part of its monitoring evidence resulted from work done by the FCC's High-Frequency Direction Finding facility in Columbia, Maryland.

SOUTH AFRICA, AUSTRALIA TO ADOPT 5 WPM FOR FULL HF ACCESS

Two more countries have joined a small but growing list of administrations that have adopted a 5 WPM Morse code test requirement for full access to the HF bands.

South Africa has approved a full HF-access license plus what it called "a practical based student license"—both requiring a 5 WPM code test. The new Class A3 ticket—with a distinctive ZT call sign prefix—provides "full license" privileges at up to 100 W output. The new entry-level Class B license aimed at school-aged youth, requires completing what's called a "modu

syllabus"—essentially a construction project that results in a completed station. Licensees will be assigned ZU-prefix call signs and be able to operate at up to 25 W output on selected band segments. The 12 WPM Morse code requirement remains in place for the Class A1 "full license," which carries the ZS prefix, privileges on all bands and a maximum output of 400 W.

Meanwhile, the Wireless Institute of Australia is claiming a substantial victory in its efforts to get the Australian Communications Authority to lower the Morse code license test speed for full access to HF bands there from 10 to 5 WPM. The ACA has said it plans to merge the privileges of the current Intermediate and Unrestricted licenses. The change will take place by mid-year, just in time for the expected influx of visitors for the Olympics in Sydney.

South Africa and Australia join the US, the UK, Sweden, and Gibraltar among countries that have lowered the Morse code requirement for full HF access to 5 WPM. A reduced Morse code requirement is under consideration in Canada, India, and Germany.

FLORIDA HAM SAVES LIFE

Ken Johnson, N4ZEB, of Palm Bay, Florida, received the Life Saving Award from the Palm Bay Police Department on March 8 after helping to save the life of a motorcyclist earlier this year. Johnson is a volunteer with the Palm Bay Police Department's Volunteer Citizens Observer Program (VCOP) and Disaster Communications Services (DCS) programs. Early on February 27, he spotted a fast-moving motorcycle on the opposite side of the highway go out of control. He reported the accident to police and then went back to where the motorcyclist was lying unconscious in the passing lane of the highway. Because that section of highway was unlighted, the motorcycle off the road, and the motorcyclist dressed in black, the accident scene was not obvious to traffic. Johnson positioned his vehicle between the traffic and the motorcyclist. He then helped to direct traffic around the scene until police and fire crews arrived. The motorcyclist—who was wearing a helmet—was treated at a hospital for minor injuries and released. As a result of this incident, night patrols continue to be an integral part of the Palm Bay Police Department's VCOP program.

ENUMCLAW FIRM CITED BY FCC

FCC fines Washington firm for illegal amplifier sales: The FCC has affirmed a $7000 fine on Cellular Systems Northwest Inc of Enumclaw, Washington, for willful and repeated violations of the Communications Act and FCC rules relating to the sale of transmitting equipment. In a Memorandum Opinion and Order March 16, the FCC said Northwest, a consumer electronics dealer, on two occasions in 1997 and 1998 sold and offered to sell "external radio frequency power amplifiers—commonly known as 'linear amplifiers'" to two different FCC agents posing as a member of the general public. The FCC said the amps were capable of operating in the 27-MHz Citizens Band. A Notice of Apparent Liability was issued in June 1998. Northwest sought recission of the $7000 forfeiture saying it never intended to offer or recommend the linears for CB use; its violation was unintentional; that it had ceased selling the illegal equipment; and that it is "small retailer" attempting to make ends meet. The FCC was unmoved and upheld the $7000 fine. The company was given 30 days to pay.

TIMEWAVE TO PRODUCE JPS' ANC-4

Timewave Technology has acquired the rights to the ANC-4 antenna noise canceller from JPS Communications Inc. Timewave says it will start production of the ANC-4 immediately and expects to start shipping units to dealers by May 10. The company also will service and support JPS Communications-made ANC-4 units. JPS left the Amateur Radio market last year.

ITS RESEARCHES LICENSE RECORDS - BUT USE THE PHONE

Those electing to contact FCC archives contractor ITS Inc to document having held an amateur license in the past are advised to telephone ITS instead of e-mailing. For a fee, ITS will research prior licensing records and should be able to provide you with the necessary documentary proof. Call ITS at 717-337-1433 to place an order (eg, for "verification of a pre-March 21, 1987, amateur license"). The verification letter you receive will be on FCC stationery and stamped with the FCC seal. The ITS Web site is http://www.itsdocs.com/. Credit card orders are welcome.

(This LONG article catches us up on the ARRL News for the last 2 months. Your editor...)

W7SFT recuperating at Harborview



Cal, W7SFT, and his XYL Pat, N7CAK, spend a lot of time in their RV where they have a pretty impressive ham rig. They were setting up over by Quincy last week and as Cal was hooking up his longwire to the top of the trailer he fell off the ladder and broke his hip. He was flown to Harborview for surgery and will be released soon. Cal and Pat are well known in our area for their good cheer and willingness to help. Get well soon Cal we miss you out here! - Roger, K8RN



EDITOR'S NOTES

kathleen@naceplace.com





Just a short note as we are getting ready for our slow meander north... March and early April were very busy for us - service on the rig in TX, the motorhome convention in CA, and 2 plane trips to Tacoma. We are now enjoying our 3rd day of 100+ temps. here in AZ and are soon to look for cooler climes. Congrats to all who have upgraded! Get involved - OWENS BEACH & FIELD DAY are right around the corner... See you next month. Kathleen, NØEYK

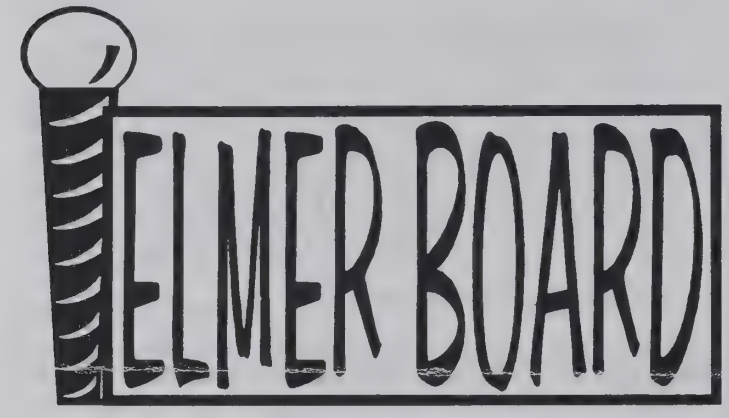
AREA SWAP MEETS

...and in the year 2000...

May 19-21	ARRL National Convention, Dayton, OH
June 1-4	NW Division Convention, SEAPAC, Seaside, OR

(If you know of swaps happening in the NW in the coming months, please let your editor know. Thanks.)

SCHEDULE YOUR SWAPMEET VISIT



Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members area their areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment

Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Frank, AB7YZ	253-752-8520	2,3
Roger, WA7ANJ	253-475-4293	1,2,3,4,7,8,11

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the board!

(Ed. Note – We need more volunteers on the elmer board. Please add your name to the list!)

Amateur Radio Exams

in the Puget Sound Region as of November, 1999



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Thursday - 7:00 PM, **Bonney Lake** Library,18501 90th St East – Contact Roxann Holwege, AB7HO, at 253-862-8905

1st Saturday - 1 PM - Boeing **Kent** Rec. Center, 2264 83rd Ave So, Room "C", - Contact Rick Antes, KF7V 425-277-2220, Des Moines

2nd Tuesday - 7:00 PM - Radio Club of* Tacoma *Clu house, 1249 S. Washington St. - Contact Shirle Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Conta Jim Elliot, AA7OM, 360-456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Denny's Restaurant, # 13100 48th So., Contact Mary Lewis, W7QGP, 206-52 9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Ha 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-077 Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 72 Tobin Street - Contact Mike Dinkelman, N7WA, 25 854-4031, Kent

3rd Saturday - every 4th month - 9:30 AM - **Montesan** High School - Pearsall Center, 2109 Sumner Ave. Co tact Nick Bender, NX7W, 360-249-4671, Montesano

3rd Saturday - 10 AM - **Shelton** - Shelton Airport - Contact - Dick Bostrom, N7LD, 360-426-4627, Shelton

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Ce ter, 6400 36th Ave. West - Contact Dwayne Broderso KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Conta Jim Elliot, AA7OM, 360-456-5571, Olympia

4th Saturday - 10 AM - **Everett** - Everett Housing Autho ity - 14th and Popular - Contact Loren Hole, KK7M, 42 335-5158, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Tec nical Bldg, Olympic College - Contact Walt Winte AA7TL, 360-692-8326, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 123 80th Ave East, Puyallup, WA 98373 - 253-845-7652

HELP FOR THOSE DIFFICULT LICENSE EXAMS!

FREE CLASS

FOR THE

NEW GENERAL CLASS AMATEUR RADIO LICENSE

Length - 5 Weeks

Five Monday Evenings

Class Starts - May 8th

Classes - 7:00 to 9:30 PM

12306 80th Ave. East, Puyallup

(South Hill)

Sponsored by:

The Radio Club of Tacoma

To Register, Call:

Jerry Seligman, W7BUN - 253-845-7652

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma, WA 98411

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COMING EVENTS

JUNE 7 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

JUNE 10 - Pinochle Potluck - 7 PM at the Clubhouse

JUNE 11 - OWENS BEACH ~ W7DK at the Beach

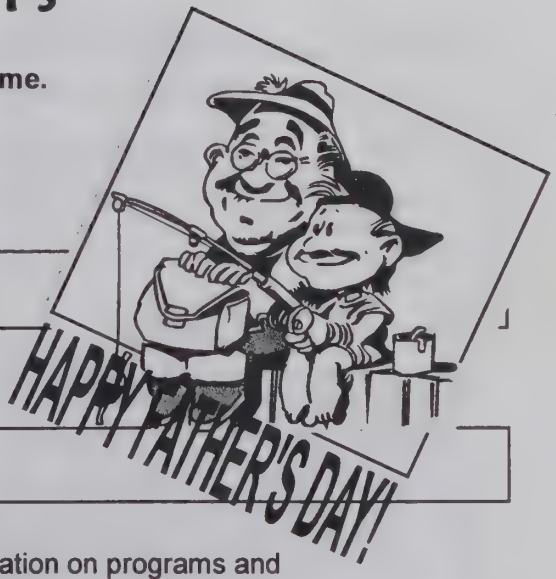
JUNE 13 - License Exams - 7 PM - Clubhouse

JUNE 14 - Club Meeting - Library Administration Center, 7:30 PM
Program: Final planning for FIELD DAY

JUNE 15 - BARK deadline

JUNE 23 - 25 - FIELD DAY ~ Join the fun. Practice your skills.

JUNE 28 - Club Meeting - Library Administration Center, 7:30 PM
Program: Mini Flea Market



- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- **See page 3 for meeting program schedule.** Check the weekly net for updates to the program schedule.

FIELD DAY 2000

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXVII NR. 6 | W7DK | JUNE 200

FROM THE PRESIDENT



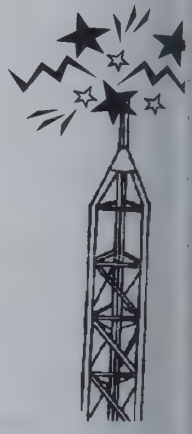
HEAR YE! HEAR YE!

OWENS BEACH - June 11
See page 4

FIELD DAY - June 23-25
See page 13

Support our club! Participate in these coming events!

Our president is currently on vacation. Back next month.



ON THE WEB

www.w7dk.org
Come see us!

IN THIS ISSUE...

- **MEETING MINUTES** - Back next month
- **COMING RCT PROGRAMS** - Page 3
- **ARRL NEWS** - Page 10
- **CONTEST CALENDAR** - Page 8
- **MUSEUM NEWS** - Next month
- **TUESDAY NIGHT NET** - Page 12



FIELD DAY
Be there!

Radio Club of Tacoma License Exams

JUNE 13, 2000

7 PM RCT Clubhouse
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo I
pen, pencil/eraser, calculator, and a check made out t
ARRL/VEC for $6.65. For information call:
Shirley Murphy, N7QHW @ 253-265-3661
Fee as of Jan. 2000 – $6.65

RADIO CLUB OF TACOMA -- 1999

PRESIDENT	ALAN HUGHES	KB7SVU	840-4947
V PRESIDENT	MOREL GUYOT	W6LIX	838-5433
SECRETARY	ED ROOT	KC7OKS	851-7463
TREASURER	CHUCK SOUTER	KA7HJN	863-2650
BOARD (5)	AL BURLESON	K7HW	474-9023
	WORTH GURLEY	W7WG	582-3844
	RICH MANSON	N7ANF	474-8883
	GEORGE NOBLE	KK7FM	756-1127
	AL CHURCHILL	AC7BU	847-3215
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COMPOSITOR	KATHLEEN NACE	NØEYK	209-5624
PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call a club officer to pass on the word to the appropriate person(s).

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.28 / .88 MHz 144.97 - Packet
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Raymond H Miller, Jr, KC7VEP RCT#2066
17509 Clear Lake Blvd SE
Yelm, WA 98597-8976 360-894-1175

Randy L Hanson, N7HNX RCT#2067
6610 Homestead Ave
Tacoma, WA 98404-5017 253-473-8525
rlhanson5@worldnet.att.net

Harold G Brassfield, AC7BL RCT #2068
2030 93rd Ave SE
Olympia, WA 98501-9707 360-754-3841
ac7bl@aol.com

Reinstatements

George F Coleman, W7GFC
10529 Sheldon Rd SE
Olympia, WA 98501-9743 360-705-1822
w7gfc@aol.com

Address/Phone Changes/Corrections

Vern Hase, KD7GTZ
Phone is 253-759-7246

Donald Severeid, K7LMN
17006 93rd Ave E
Puyallup, WA 98375-2284 253-848-0294

Owen Ticknor, WA7JZM
16820 N Sunnyvale Dr
Nine Mile Falls, WA 99026-9301 509-468-3701

E-Mail Address Changes/Additions

Al Churchill, AC7BU
Change e-mail to al725@juno.com

Glenn (Bud) Graves, KC7IBV
sgravesmg@juno.com
bud_graves@msn.com

Chuck Hicks, WY7V
change e-mail to chicks5@gte.com

Alan Allen, N7EAY
change e-mail to n7eay_98418@yahoo.com

Richard Lottie, KG7WF
Fotolottie1@home.com

New Calls/Upgrades

Jason Fallon, was KA2YMZ and is now NN7L
Byron Kabran, was KA3CUK and is now K3ROT

Silent Keys

COMING PROGRAMS AT RCT

JUNE 14TH - Final Plans for Field Day - An annual Club tradition at the last meeting before Field Day, station heads and operators will be finalized. Schedules for getting equipment to and from the FD site will be announced, and details such as food, power distribution, computer logging, etc. will be discussed. THIS IS THE MOST FUN EVENT IN HAM RADIO! Be sure to make your plans to be part of Field Day.

JUNE 28TH - Mini Flea Market - Bring your items to sell and money to purchase ham related items. Please, no "boat anchors" or anything that will scratch the tables. Mark prices on all items before you set them on the tables.

JULY 12TH - Show and Tell - Bring your commercial or homemade radio, accessories, or gadgets that you find interesting or useful; demonstrate and explain to the members the items you're displaying.



Your Ad Could Be Here!

Call, Shirley, N7QHW
at (253)265-3661 for info.



Clothing with your name and call



	12 or more	24 or more
Denim long sleeve shirt	$35.00	$33.25
Polo shirt (with pocket or without)	21.00	20.50
Crew Neck Sweatshirt	19.00	18.25
Hanes Beefy T shirt	13.50	13.25
Fleece Vest (this one was at meeting)	48.75	47.50
Fleece Vest	36.75	35.00

You can pick your own colors.

The quantities needed to realize these prices is 12 items (any mix of the items listed above), so we could reach th lower prices more easily than it having to be just one item. Payment **MUST** be made when the clothing is ordered **No exceptions.** I have a catalog and will try to have it at the meetings if you are interested in purchasing anythin

Questions or to place an order,
call Shirley Murphy, N7QHW, at 253-265-3661 or Nora Simmons, KC7JME, at 253-847-5124.

W7DK at the Beach





June 11, 2000
11:00 AM
Owens Beach @ Point Defiance

Bring a salad or dessert!

Talk in on 147.28

For more info, contact:

Alan Allen
N7EAY
253-475-7413

or

Bud Mitze
K7BUD
253-752-3155

ARES/RACES

...de Shirley Murphey, N7QHW

As always, remember, in times of need, to tune into 145.37 repeater and see if anything is happening. If help is needed, please jump in with your call and volunteer to help. Don't wait for the phone to ring! Just get on the air and volunteer.

Public Service Events for the immediate future that I am aware of is the Sound to Narrows on June 10, 2000 but stay tuned for additional announcements on the weekly net at 7:00 PM on Tuesdays on 145.37 repeater and remember, VOLUNTEER. Judy LaFleur, N7NII, and Nana Warburton, N7OIX, will be organizing these events this year. Contact them to volunteer or let them know on the weekly net. Reach Judy at 253-847-5198 and Nana at 253-581-8348. We always need lots of volunteers so please consider helping. Remember as a member, we feel it is essential that each person participate in at least one event or drill each year.

Alan, KB7SVU, needs volunteers to be trained for the Pierce County EOC. Call him at 253-840-4947 to volunteer. He also needs volunteers to help with making phone calls to schedule volunteers for events as they take place. This is an important job so please consider helping out. Again call Alan to volunteer.

Another training need that is out there is the new communication vehicle which will be used for searches, and a multitude of other emergency events that may happen within our community. Contact Alan, KB7SVU, if you are able to be trained for this vehicle. Currently, TAC ONE organization is managing the training but check with Alan for what to do to get scheduled.

The following article is very good and is taken from the July-September 1997 ARRL Field Forum publication.

THE ARES NON-EMERGENCY

By John Robinson, W1NEB, 62 Somerstown Rd., Ossining, NY 10502

It was to be a dark and stormy night. At least, that's what the National Weather Service had said to expect on that March day in the Carolina mountains. A strong cold front was moving in from the west, and as it impacted the moist Gulf air that had brought an early spring, conditions seemed right for strong thunderstorms. The forecast went up that afternoon for a chance of tornadoes, hail, flash flooding, and all the other weather calamities that ARES operators dream about.



I was an assistant emergency coordinator, but the EC had left me to mind the county when he went up to Minnesota. I kept track of all the weather alarms, I kept folks talking on two meters when the sky got dark, and when the first weather warning came up for our county, I got a Skywarn net on the air. People checked in, we hunkered down, and we watched the storm roll in.

And we watched.

And we waited.

And nothing happened.

Storms have a way of fizzling out. Ask any weather lover. The weather service does its job: they raise alarms when the chance exists for the sky to fall all around your shack. But a chance is not a certainty; and a significant number of watches and warnings expire without excitement. Or the excitement veers five degrees off course and visits itself upon someone else. And when it does, you make a few lame jokes and secure the net, a little chagrined at having played Chicken Little, a little relieved that your town is still standing unscathed, and a little disappointed that the excitement passed you by.

How does it make you feel to realize you're let down when the storm goes by? Some people feel badly about it. They think they must be weather ghouls to wish for some kind of emergency just so they can play hero with their radios. But that's not what's behind your feelings, so you shouldn't feel badly that you feel disappointed.

ARES members are emergency service personnel. In most cases we're not members of official government agencies, such as the police or the rescue squad. But we have made a similar kind of commitment to be prepared when the community needs our help. That commitment requires training, planning, and dedication to doing what needs to get done. And being prepared takes a lot of work.

Are you someone who likes to do lots of work for no particular reason? I doubt it: license exams tend to leave those people on the outside of the Amateur Radio Service looking in. Instead, you probably have a purpose in mind for all the work you do, whether it's mowing your lawn (purpose: have a nice lawn), doing your job (purpose: have a nice paycheck), or preparing for emergencies. And when a drought roasts your grass, your employer downsizes, and the hurricane veers out to sea, you are likely to feel frustration that your work did not yield the results you expected.

It's not just hams who feel that way. Once upon a time, a lot of years ago, I went through the schooling required to become an emergency medical technician. I'll be the first to grant you that it's not as big a commitment as, say, medical school, but it was work toward the purpose of being able to help people in medical need. When I was finished, I joined my town's rescue squad, and I waited for the chance to come.

And waited. And waited. You get the idea. And felt badly that in order for me to achieve what I had trained for, someone had to suffer. A few years later, I

started feeling badly that I found heart attacks and other challenging calls more exciting than "routine" emergencies like minor traffic injuries.

It turned out that, so did the rest of my rescue squad. So too do firemen, police, doctors, and most other people who respond to emergencies: they want opportunities to use the skills and plans they have labored on for so long. That doesn't mean they want people to suffer. It means they understand that, to paraphrase an old bumper sticker, "suffering happens," and when it does, they want to help.

All of which means that a missed disaster is also a missed opportunity, and it's all right for you to feel a letdown or degree of disappointment. After all, you're trained, you're ready, your adrenaline is pumping, and you're keyed into the notion that your equipment, training, and special skills are about to be called upon. That's frustration, not mental illness. You're not across the psychotic line until you start creating your own disasters. To keep that from happening (not that it's any real danger- when was the last time you whipped up an earthquake?), try not to look at an ARES non-emergency as an event that did not happen. In fact, the ARES activity is the event -- the only thing that didn't happen was the crisis that got you moving.



And the event itself has value: no matter how many simulated emergency drills you run, you don't know how well plans will really work out until you swing into action for real. A line of strong thunderstorms bearing down on you is different from any drill, because there is no longer that reassuring voice in the back of your mind, whispering, "this isn't really happening." The storms are really approaching you - whether they get there or not is secondary. The fact that everyone thought they might gives you good evidence of how your plans and training worked in the face of a genuine crisis.

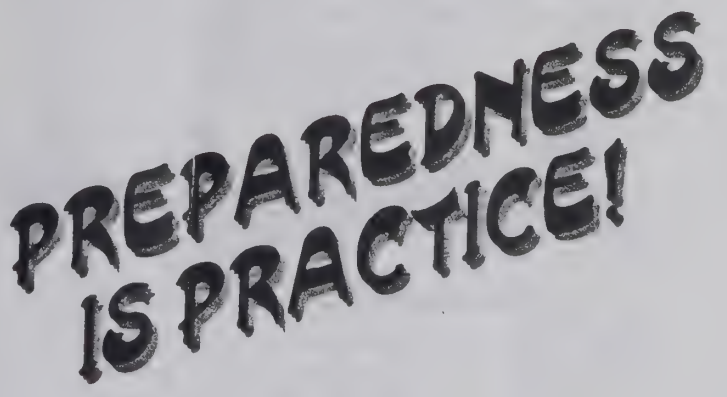
It's also important to resist believing that because this storm missed you, the next one will too. Anyone who has ever sold a house knows the aggravation of letting a parade of home shoppers tour your private space until somebody finally buys. Think of missed storms as home shoppers: most of them are going to pass you buy, but someday one will come to stay. And as real estate agents say, it only takes one. Luck - good or bad - never holds forever, and nobody's "crying wolf." Emergency preparedness means risking false alarms: it's better to raise the warning flag and have the crisis miss you than to miss raising the warning of the one that hits. And it's better to gear up for a possible emergency than to count on a non-event. Other people are sure to grow skeptical about warnings that come to nothing, but you can't afford that luxury, because you're the one who will have to help the stunned skeptics pick their way out of the disaster area.

There are, of course, other ways to look at the emergency that passes you by. In the case of the cold front crossing the mountains, I look at it as a jolly good break that the mountains were there to disrupt it. There are New Englanders who believe that all the hot air produced by TV weathermen serves to turn blizzards into rainstorms. But the next time a storm that's heading your way fizzles out before it gets there, why not take the credit for yourself? Maybe the storm saw your solid ARES response and decided it was just no match for a team as good as yours.

Remember to check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Shirley, N7QHW.

Do you want to get involved? Simply contact Alan Hughes, KB7SVU at 253-840-4947 and let him know.

73 Shirley, N7QHW



PACIFIC NORTHWEST DX CONVENTION - DX 2000

Vancouver, B.C., Canada
July 28-30, 2000

The BC DX Club and the Fraser Valley DX Club invite you to DX2000 in beautiful Vancouver, British Columbia, Canada. We've changed our venue to make this event as fun and interesting for your spouse (and children) as it is for you. Our new Hilton Vancouver Metrotown hotel was chosen for it's excellent location and facilities. We are working on a fresh, new program and will be inviting many of your friends from the DX, QRP and Contest world. We look forward to your attendance to make this event the best ever.

Register now. Phone 1-800-HILTONS (Canada/USA) and ask for the special DX Convention Rate.

For more detailed hotel information on its location, etc. please check web site: http://www.hilton.com

Check our DX2000 web site also for more information and downloading of registration form:

http://www.bcdxc.org

See you in Vancouver at DX2000!

Dave Johnson, VE7VR, Co-Chairman
DX2000 Organizing Committee
ve7vr@rac.ca

Thank you to Roger, WA7ANJ, for passing this on. - Ed.

MEETING MINUTES

Editor's Note…

After going through all my e-mail again for this month, thinking that I might have missed the minutes, I find that there are none. Hopefully we will pick them up with the meeting of April 26th next month.



TREASURER'S REPORT

April 2000 SUMMARY
INCOME

DUES INCOME 30.00
SALE OF RG/213 70.00
SOFT DRINKS 11.50
COFFEE 21.50
TOTAL APRIL INCOME 133.00

EXPENSES
MUSEUM TUBES 50.00
PUBLICITY 12.00
CLUBHOUSE 42.10
CLASSES 3.14
PROGRAM 4.00
COPIER PURCHASE 1100.00
PROPERTY TAX 684.88
PROPERTY TAX 18.4
TOTAL APRIL EXPENSES 1914.52

NET LOSS FOR MONTH 1781.52

ANNOUNCEMENTS

THE FAIR 2000

Sign up for your favorite time and day soon!

Let's keep this path to the public alive and healthy.
Sign up chart will be available at RCT meetings.



11 JUNE 2000
W7DK AT THE BEACH
OWENS BEACH



W7DK FIELD DAY 2000 JUNE 23 - 25

JUNE CONTESTS



WITH AMATEUR RADIO

3
QRP TACtical Contest

10-12
ARRL June VHF QSO Party
TOEC WW Grid Contest
ANARTS WW RTTY / Digital Contest

16-18
Kid's Day Operating Event
SMIRK 2000 QSO Party
All-Asian DX Contest, CW
West Virginia QSO Party

24-25
ARRL Field Day

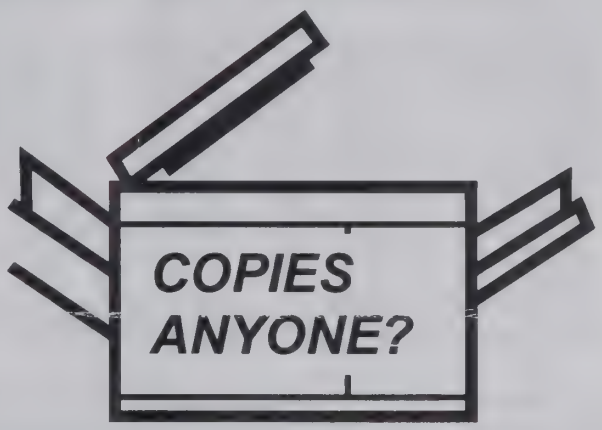
Want more info, check
www.arrl.org/contests



MUSEUM MUSINGS

Calling all amateurs! Calling all amateurs! Do you have an interesting story or experience to relate about happenings with or how you got started in ham radio? Please get in touch with Worth, W7WG, and get in line to be published!

George Wood, KA7HGE, who gave such an interesting presentation at a recent club meeting about his amateur radio experiences in Thailand, Laos, and Viet Nam during the years he was a missionary there, consented to write a story for the last issue of the BARK. What about **YOU** doing the same?!?
Worth Gurley, W7WG, 253-582-3844



Well, we have finely removed the large, unusable copier from inside of the clubhouse. Boy was that fun? Then come the fun part. Stripping for parts. There were many electronic parts, servo motors, and fans. The thing is almost light enough to load for hauling. There are still some useable electronic parts and maybe some motors left. These parts will go first come first serve. So hurry before we haul off the carcass. I have been preparing the replacement copier and have it nearly ready. Actually by the time this is published it should be in and operating. It is not quite as large in size and will do everything we need a copier to do. It has an auto Doc. feeder, a duplex unit, and a sorter. I would like to add to the list of, many already mentioned, names. Lou Metz / kc7vum, Lou Simmons / kb7wdb, Nora Simmons / kc7jme, Robert Floyd / ka7fhm, and Lorraine Robertson / ka7wgg. Thank you all very much for your generous donations. Thanks to all of you the club now has a working copier. From the 28 mentioned names we have collected $820.00. The club has chipped in enough to cover the rest. We purchased the copier for $1100.00, and it shouldn't cost much more to get it in GOOD shape. I'm certain this will be a purchase we will not regret.
73 Copy kk7qs clear
Mick Pier / kk7qs

AREA SWAP MEETS

...and in the year 2000...

May 19-21	ARRL National Convention, Dayton, OH
June 1-4	NW Division Convention, SEAPAC, Seaside, OR

(If you know of swaps happening in the NW in the coming months, please let your editor know. Thanks.)

SCHEDULE YOUR SWAPMEET VISIT

ELMER BOARD

Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members area their areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment

Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Frank, AB7YZ	253-752-8520	2,3
Roger, WA7ANJ	253-475-4293	1,2,3,4,7,8,11

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the board!

(Ed. Note – We need more volunteers on the elmer board. Please add your name to the list!)

Amateur Radio Exams

in the Puget Sound Region as of November, 1999



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Thursday - 7:00 PM, **Bonney Lake** Library,18501 90th St East – Contact Roxann Holwege, AB7HO, at 253-862-8905

1st Saturday - 1 PM - Boeing **Kent** Rec. Center, 226 83rd Ave So, Room "C", - Contact Rick Antes, KF7V 425-277-2220, Des Moines

2nd Tuesday - 7:00 PM - Radio Club of* Tacoma *Clu house, 1249 S. Washington St. - Contact Shirl Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Conta Jim Elliot, AA7OM, 360-456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Denny's Restaurant, 13100 48th So., Contact Mary Lewis, W7QGP, 206-52 9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion H 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-07 Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 7 Tobin Street - Contact Mike Dinkelman, N7WA, 2 854-4031, Kent

3rd Saturday - every 4th month - 9:30 AM - **Montesa** High School - Pearsall Center, 2109 Sumner Ave. C tact Nick Bender, NX7W, 360-249-4671, Montesano

3rd Saturday - 10 AM - **Shelton** - Shelton Airport - Contact - Dick Bostrom, N7LD, 360-426-4627, Shelton

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Ce ter, 6400 36th Ave. West - Contact Dwayne Broders KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Cont Jim Elliot, AA7OM, 360-456-5571, Olympia

4th Saturday - 10 AM - **Everett** - Everett Housing Auth ity - 14th and Popular - Contact Loren Hole, KK7M, 4 335-5158, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Te nical Bldg, Olympic College - Contact Walt Winte AA7TL, 360-692-8326, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 123 80th Ave East, Puyallup, WA 98373 - 253-845-7652

◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet.

FCC AFFIRMS $8000 FINES FOR TWO TEXAS AMATEURS

The FCC has affirmed $8000 fines levied on two Texas hams for allegedly causing malicious interference with communications on a local repeater and with failing to identify. General licensee Paul E. Holcombe, K4TOF, and Technician licensee Robert L. Meyers, N5WLY, both of Houston, each received a Forfeiture Order earlier this month from the FCC's Houston office. The fines followed an FCC investigation last year that involved the use of direction-finding equipment.

A SHACK IN SPACE NEARS REALITY

A new chapter in the history of Amateur Radio will begin later this year when ham gear is installed aboard the International Space Station for the first time. Three major events must happen before the first QSO is made from the ISS, however.

First, the Russian-built Zvezda Service Module is scheduled for launch in early to mid-July, providing the living quarters for the first ISS crew. Then, the initial amateur station hardware will be sent up to the ISS aboard shuttle mission STS-106 in August. Finally, the initial crew of US astronaut Bill Shepard, KD5GSL, and Russian Cosmonauts Sergei Krikalev, U5MIR, and Yuri Gaidzenko will be launched in October from Russia aboard a Soyuz spacecraft for what's expected to be a long-duration mission.

Amateur Radio will be available to the first crew members once it's been installed temporarily aboard the Zarya Functional Cargo Block module, already in space. Earlier plans had called for the initial station gear--primarily VHF and UHF hand-held transceivers--to be put aboard the Service Module. Launch delays forced the change, however. The amateur gear likely will be transferred to the Service Module next year. The initial station will use existing antennas on the Functional Cargo Block. The system is being adapted to support Amateur Radio operation on 2 meters but not on 70 cm.

A Russian station license and call sign, RZ3DZR, have been granted for the ISS ham radio station. Long-term plans call for obtaining an international call sign for the ISS station to recognize the cooperative nature of the ARISS project. With assistance from the International Amateur Radio Union, efforts are under way to request a specific ISS call sign block from the ITU.

"A multinational call sign block is the most desirable route," said ARRL First Vice President Joel Harrison, W5ZN, after a meeting of the ARISS international partners earlier this year in the Netherlands. ARISS team members continue to pursue licenses in their respective countries. A German call sign, DL0ISS, has been issued, and a US call sign has been applied for.

The initial ISS amateur station will provide primarily FM voice and "improved" packet capability on 2 meters and--once aboard the Service Module--on 70 cm using Ericsson hand-held transceivers. It's expected that slow-scan TV, various types of amateur TV, and experimental projects eventually will be added.

A primary goal of ARISS is to continue a schedule of Amateur Radio contacts with schools, so students can interview the astronauts and cosmonauts directly--as a major component of a classroom project. NASA "clearly supports the educational outreach aspects" of the ARISS project, US delegation member Frank Bauer, KA3HDO, told the Netherlands gathering.

Bauer is scheduled to discuss progress on the ARISS project during the Dayton Hamvention AMSAT forum Saturday, May 20.

SO, WHERE'S MY NEW TICKET?

Despite an infusion of temporary help, Volunteer Examiner Coordinators continue struggling to process the huge influx of exam session paperwork resulting from Amateur Radio "restructuring" that went into effect April 15. As a result, license grants from post-April 15 applications are taking up to four weeks.

Statistics to date suggest a total of more than 13,000 new Generals and more than 10,000 new Extra class hams as a result of restructuring--and those numbers undoubtedly will continue to rise. As ARRL President Jim Haynie, W5JBP, recently put it: "Amateur Radio is on a roll."

RADIO AMATEUR NAMED TO CHAIR WRC-2000

An Amateur Radio operator has been named to chair World Radiocommunication Conference 2000, which opened May 8. Turkey's Telecommunications Authority Chairman Fatih Mehmet Yurdal, TA2MY, was elected by the conference at the first plenary meeting held right after the opening ceremony. Some 2500 delegates from 150 countries were expected for the month-long international conference, held under International Telecommunication Union auspices.

The gathering has a full agenda. High on the list of items is the need for additional spectrum for new and expanded services as well as regulatory issues.

ARRL Executive Vice President David Sumner, K1ZZ--attending WRC-2000 in his role as International Amateur Radio Union Secretary--said said this week that there have been no surprises so far at WRC-2000. "However, the Little LEOs are much in evidence, lobbying for attention to their alleged spectrum needs," he added. Little LEO advocates are looking between 400 and 470 MHz, but amateur bands still could come under their scrutiny.

Discussion of the agenda for the next WRC began May 12, and one of the first items of consideration was a proposal to realign amateur and broadcasting services in the vicinity of 7 MHz. Hams are hoping to one day enjoy a "harmonized" 300 kHz worldwide 40-meter allocation. "There was broad support from Europe, the Americas, the Asia-Pacific area and the Arab states for placing the item on the next conference agenda," Sumner said. "In expressing his support the delegate of Syria made specific note of amateurs 'contributions to disaster

relief." Sumner said that while there's no assurance the item will end up on the next WRC agenda, "the initial signs are encouraging."

Proposals to consider revision of Article S25--which includes the Morse code proficiency requirement for HF privileges--as a future agenda item have not yet surfaced, Sumner said. But he noted that US proposals for future agenda items, published May 12, did not include Article S25. "This should not be interpreted as opposition, but simply as a reflection of the fact that the US is requesting consideration of a long list of proposed agenda items that are regarded as having higher priority," Sumner explained.

Special event station TA1ITU will be active until June 2 to mark the World Radiocommunication Conference 2000. TRAC, the Turkish Amateur Radio Society, is sponsoring TA1ITU, which Sumner said should be on the air sometime this week. QSL TA1ITU via the bureau.

PRESIDENT HAYNIE PROPOSES "THE BIG PROJECT"

ARRL President Jim Haynie, W5JBP, thinks Amateur Radio is on a roll right now, and he wants to harness some of that momentum to keep the hobby on the crest of the wave in years to come. Enter "The Big Project."

The Big Project--as it's being called for now--is a corporate-education partnership that Haynie views as nothing less than a bold investment in the future of Amateur Radio.

"Our school initiative would put Amateur Radio in the middle schools," Haynie explained today during a visit to ARRL HQ. "We're in the process of developing the framework for this at the moment."

The project, now in its early stages and under the guidance of ARRL Vice President Kay Craigie, WT3P, initially would attempt to raise $1 million in corporate and foundation contributions. The idea would be to not only develop a turnkey Amateur Radio curriculum but to provide equipment to bring it to life in the classroom.

The ARRL Board of Directors will hear a progress report on The Big Project when it next reconvenes for its July meeting.

Haynie said the League does not want to reinvent the wheel. The Big Project hopes to borrow from the best of what's already in place in terms of programs that integrate Amateur Radio into the curriculum. As he sees it, Amateur Radio could play a role in helping to enhance knowledge of geography, math, electricity and electronics, and physics.

"We've consulted with a lot of teachers throughout the United States to help us with the curriculum," he said. The initial pilot project could involve from 300 to 600 middle schools across the US. "It's time to do some bold things," Haynie declared.

Haynie does not expect The Big Project to immediately generate huge numbers of new licensees. He likened the concept to contributing to a retirement plan. "This is long-term," he said. "This is not instant gratification. This is an investment in the future of Amateur Radio."

During his visit to HQ, Haynie said he thinks license restructuring has brightened the overall mood of the Amateur Radio community. "What I see in my travels throughout the country is a resurgence--a revival if you will--of excitement in Amateur Radio, and this is good," he said. "This is something we've needed for a long time."

As Haynie sees it, bringing The Big Project to fruition will continue to fuel the optimism that pervades the hobby. He says the League would be derelict if it did not take advantage of the opportunities The Big Project presents.

"Amateur Radio is on a roll right now," he said. "We want to stay on this roll of success."

GPS SELECTIVE AVAILABILITY IS HISTORY

As of the first of the month, your GPS receiver became a whole lot more accurate. President Clinton ordered GPS selective availability terminated as of midnight on May 1.

Eric Lemmon, WB6FLY, called the action "a huge benefit to hams who are into APRS, because the SA error will no longer hamper its accuracy." Selective Availability was an error introduced for national security purposes. It prevented GPS from being as accurate as it could have been for civilian users. With SA turned off, accuracy is expected to be as much as 10 times better.

PSK31 & QRP--THIS CHANGES EVERYTHING!

ARRL staffer Steve Ford, WB8IMY, reports his PSK31 demonstration at the Vermont State Convention a few weeks back was a huge hit. The demonstration of PSK31 used tape-recorded signals and DigiPan software to show how the newly popular narrowband keyboard-to-keyboard mode works. Among PSK31's advantages is that successful contacts often can be carried out at very low power levels. One visitor--attracted to QRP operation but repelled by the prevalent use of CW among QRPers--suggested that PSK31 could be the answer to his prayers. "PSK31 changes everything," Ford quoted the prospective QRPer as saying.

RESTRUCTURING RECONSIDERATION PETITIONS ON PUBLIC NOTICE

The FCC has put on public notice a number of petitions for partial reconsideration of the Commission's amateur "restructuring" Report and Order WT Docket 98-143. The list includes a petition filed by the ARRL. Interested parties may file opposition comments. The FCC does not solicit supporting comments for such petitions and it's under no obligation to consider them.

The League's petition, filed in mid-March, asks the FCC to continue to maintain records indicating whether or not a Technician has Morse code element credit. It also seeks permanent Morse element credit for any Amateur Radio applicant who has ever passed an FCC-recognized Morse exam of at least 5 WPM.

Other petitions ask the FCC to:
1) rethink its plan to eliminate the "Plus" designation from the license classof Technicians who have passed the 5 WPM Morse code examination.

Morse code requirement for the Extra.
3) ban the practice of allowing applicants to retake a failed examination element at a single test session.
4) set the number of questions at 50 for the Technician and General class test and at 100 for the Extra test.
5) institute a new entry-level Communicator license class.
6) elevate former "Class A" operators licensed prior to 1951 to Amateur Extra, instead of leaving them at Advanced class.

EDITOR'S NOTES

kathleen@naceplace.com



Well, we are back in Puyallup! Got in late on May 23rd. It is good to be back where it is cooler and to be rehydrating...! I am also able to get the last of the BARK material so I can get this finished up. We have been on the road since May 8th, working our way north, away from the heat. Spent several days in Las Vegas where it was hot and windy. All the fountains on the Strip were shut doawn because of the wind. Then it was on to the Gold Country in Central CA. Sure is beautiful countryside ~ very hilly and windy roads tho. Visited some wineries that had beautiful grounds and facilities. Speaking of hilly and windy...we drove up Mt. Hamilton from San Jose to visit the Lick Observatory. It is about 20 miles of hills and switch-backs which took over and hour to navigate in the van! The Lick telescope is a 36" refractor that is 112 years old this year. The other big one on the mountain is a 120" reflector which is about 40 years old. All in all, a great visit!

Hope that many of you will be active in the W7DK events coming this month - DK at the Beach and Field Day 2000. All talents, no matter how large or small, are needed.

See you next month. Kathleen, NØEYK

HEALTH & WELFARE

UPDATE ON JOANNE PATTIN

Wednesday, May 17th, 2000

Today we did a Bronchocopy on her to see if the plug in her left lung was mucus or a tumor. It was a tumor, and it has her left lung closed off so no air can move at all.

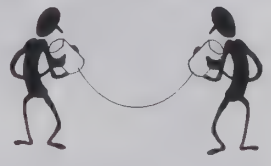
This Friday we have an appointment with a new Doctor, a radiation treatment type of Doctor. We will have to see if there is any new treatment plan that will work.

I will keep you all posted.

Virgil and Joanne

TUESDAY NIGHT NET CHECK-INS

Call sign	Check-ins in April	Call Sign	Check-ins In April
KA2YMZ	1	KC7PAL	1
K3ROT	2	KB7QAG	2
K6JC	1	KB7QAZ	1
W6LIX	1	WB7QCS	2
KB6OKS	2	N7QHW	2
KC7BAL	1	N7QHX	2
AC7BU	2	N7QOZ	4
K7BUD	1	KK7QS	1
W7BUN	1	N7RRL	1
KD7CZF	1	W7RW	1
KB7CZS	2	W7SKI	1
KD7DON	1	KB7SUV	1
W7EC	1	KB7SWW	1
KC7ETS	1	KC7SYW	4
KC7ETT	1	W7TEL	1
KK7FM	2	AB7TW	4
KD7GOR	2	KC7UFM	2
KD7GTZ	2	AB7UV	2
KI7HJ	1	KC7VUM	1
N7HNX	1	KB7WDB	2
KD7IGY	1	W7WG	2
KA7IOX	2	KC7WGG	1
K7JIL	3	W7WIA	2
KC7JME	3	KC7YEF	3
KC7KAQ	1	KB7ZDR	1
NN7L	1	W9BYH	1
WA7OHG	2		
KC7OQW	3		
KC7OQX	1		



W7DK FIELD DAY 2000

VOLUNTEER TODAY!

SIGN UP FOR ARRL FIELD DAY FUN!

W7DK FIELD DAY



JUNE 23, 24, 25

THE MOST EXCITING AND FUN RADIO ACTIVITY OF THE YEAR

Location - Parkland - Close in and easy to find

Schedule:

Friday, June 23rd - clubhouse - 11 AM - load equipment onto trailer and take with generators to FD site - begin setting up towers and antennas.

Saturday, June 24th - Finish set up in AM - start operating at 11 AM.

6 PM - potluck dinner for all participants. Please bring salad or dessert.

Sunday, June 24th - 11 AM - cease operating - begin disassembly of antennas and towers - return all equipment to the clubhouse.

Everyone can operate regardless of license class. Sign up as a station head, operator, logger, tower and antenna assembler, Technician statio head, help with PR, alternative power and satellite contacts

WE NEED: a potluck coordinator, trucks with trailer hitches to pull traile and generators, shelters for stations (RV, motor home, large tents, etc.) this is a critical need!

To sign up, call:

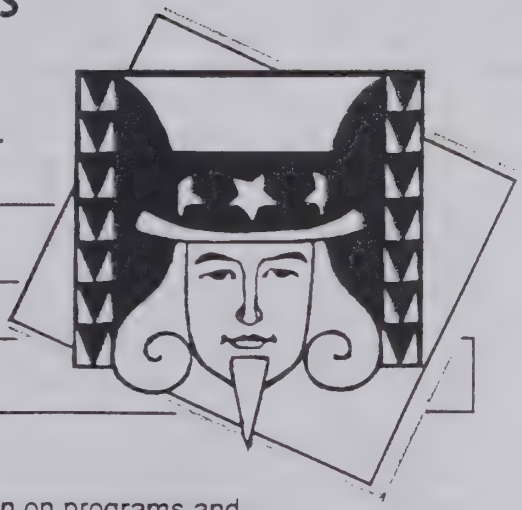
Jerry Seligman, W7BUN - 253-845-7652

ILOGGER'S BARK
do Club of Tacoma, Inc.
Box 11188
coma, WA 98411

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U.S. POSTAGE
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TACOMA, WA
PERMIT NO. 1078

TURN SERVICE REQUESTED

COMING EVENTS



~~Pinochle Potluck - Back in September. Have a GREAT summer!~~~

JLY 5 - **Board Meeting - Clubhouse, 7:30 PM - All members welcome.**

JLY 11 - **License Exams** - 7 PM - Clubhouse

JLY 12 - **Club Meeting** - Library Administration Center, 7:30 PM
Program: Show and Tell

JLY 15 - BARK deadline

JLY 26 - **Club Meeting** - Library Administration Center, 7:30 PM
Program: Two Wheeling on 2 Meters

Sign up to work FAIR 2000!
Support OUR club - Attend meetings, volunteer, elmer.
Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
See page 3 for meeting program schedule. Check the weekly net for updates to the program schedule.

Happy 4th of July 2000

July 2000

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 9:00 AM OPEN HOUSE 7:00 PM PINOCHLE POTLUCK *JOHN KC7OQW *MARV KC7JKA *ROBERT N7BH
2 *BARBARA W7UYL	3	4 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R HAPPY 4TH	5 7:30 PM RCT BOARD MTG *EUGENE	6 *JOHN W7ZTI	7  HAPPY SUMMER TO ALL	8 9:00 AM OPEN HOUSE *NORMAN N7ILQ
9	10 *HAROLD AC7BL *MICAH KD7CRK *RICK W7LKG	11 7:00 PM ARES NET 145.37R 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R *MARIE KA7HEG	12 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD	13 *SUSAN KC7OQX	14  BARK DEADLINE IS THE 15TH	15 9:00 AM OPEN HOUSE *HARRY W7HHP NO AMER QSO PARTY, RTTY
16 *CLINTON KA6KWD *VERNON KD7COD	17 *MAC W6NBD *MARK	18 7:00 PM ARES NET 145.37R 7:00 PM MVWS LICENSE EXAMS 7:30 PM RCT NET 147.28R *MIKE WB7DFQ	19	20 *LORRAINE KA7WGG *TOM KC7TVO	21 *JAN K7JT	22 9:00 AM OPEN HOUSE *SYLVIA KC7UZZ
23 *MARGARET KA7RUQ *TOM K7TDJ	24 *ALLEN N7EAY *MARK KD7GJU	25 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	26 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD *DANIEL W7WA *MARIE KD7DOQ	27 *LYNN KB6OKS	28	29 9:00 AM OPEN HOUSE
30 *ROBERT KC7RBB *SONNIA N7NGJ	31					

June 2000

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

August 2000

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

*HAPPY BIRTHDAY

THE KADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXVII NR. 7 W7DK JULY 2000

FROM THE PRESIDENT

I am back from my trip to Germany. We had a really great time there and got a lot of research done. Our flight from Seattle was delayed by 3 hr. due to a medical emergency. So by the time we made it to London, we had missed our flight to Hamburg. We were booked on another flight leaving from Gatwick so had to take an hour bus ride across the English countryside. We arrived at Hamburg at 10 PM, got our car and headed to the hotel. Being dark, I got lost and stopped at a gas station for help. A gentleman getting gas had us follow him about 5 miles to the hotel. The next morning we meet our friends at the airport and headed to the Island of Fehmarn. I did all the driving and really enjoyed driving on the autobahn. Even driving in the city was enjoyable as the drivers there are more courteous and aggressive. We stayed at a bed and breakfast in the town of Burg. Our room was spacious, with its own bathroom and balcony. We headed to the main street of Burg to see the sights. It is very overwhelming to walk into a church that was built in the 1500s and to think of all the generations that have been here before me. I was surprised at how clean the towns and countryside are there, very little litter or graffiti. Our days started at 7 AM with a meal of different kinds of breads and rolls, meat, cheese, and a hard boiled egg. Then it was off driving from town to town, going though churches and the cemeteries. Our days ended at about 9:30 PM, with another hour of writing in our journals. It became light at 4 AM and did not get dark until after 10 PM.

The Island of Fehmarn is about ten miles across in both directions with one main road going though the island. There are a lot of smaller roads, some being one lane. The island is as flat as a pancake with lots of wheat, barley and canola fields. There are large windmills all over the island that they use for energy. The trees and bushes are the same as we have around here. The weather was fair. It rained a few evenings and we had a bad storm on Sunday. Other than that, it was in the 60s.

I did not have time in Hamburg to try 2M but while on the island I did scan through 2M, trying to find any traffic. I had no luck. I only saw one HF antenna on the island and none in Hamburg. I will try again the next time I go to Germany, as I will have more time. We did use family radios, as our friends that went with us were not hams, to keep in touch. They came in real handy at the airport when we picked up our friends. We knew when they were outside so all we had to do was drive up, load up and be on our way.

We found that even though most people did not speak English, they were very friendly and did their best to help us. Not being able to read or speak German made it very interesting trying to order meals. We had an electronic translator that helped a little, but it stills take time to look up all the different items.

Well, I don't want this to long, so will finish next month. I will only hit the high spots to keep it to two months.

73, Alan, KB7SVU

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▶ CONTEST CALENDAR - Page 5

▶ MINUTES - Page 4

▶ CIRCE LOG - Page 9

ON THE WEB www.w7dk.org Come see us!

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TREASURER	CHUCK SOUTER	KA7HJN	863-2650
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	WORTH GURLEY	W7WG	582-3844
	RICH MANSON	N7ANF	474-8883
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CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call a club officer to pass on the word to the appropriate person(s).

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.28 / .88 MHz 144.97 - Packet
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Bruce N Van Houten, K7RED RCT #2069
1829 C Pl SE Apt B
Auburn, WA 98002-6669 253-833-9304
k7red@k7pp.com

Richard D Heasty, KK7VH RCT #2070
12321 239TH Ave E
Buckley, WA 98321-9398 360-897-6576
richard.heasty@acm.org

Robert C Nelson RCT #2071
3815 Harborview Dr
Gig Harbor, WA 98332-2139 253-858-5825

Reinstatements

Address/Phone Changes/Corrections

E-Mail Address Changes/Additions

New Calls/Upgrades

Edward Harwood, Jr, KB7FEW, upgraded to General
Mark Rhoden, KB7PKD, upgraded to General
Signe Twardowski, W3IIU, upgraded to General
Ray Winter, KD7CZS, upgraded to General

Silent Keys



Radio Club of Tacoma License Exams

JULY 11, 2000

7 PM RCT Clubhouse

1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.65. For information call: Shirley Murphy, N7QHW @ 253-265-3661

Fee as of Jan. 2000 – $6.65

COMING PROGRAMS AT RCT

JLY 12TH - SHOW AND TELL - Bring your commercial or homemade radio, accessories, or gadgets that you find i eresting or useful; demonstrate and explain to the members the items you're displaying.

JLY 26TH - TWO WHEELING ON TWO METERS - Marcie Stillwell, KC7DAT, from Silverdale, will talk on the tech- r:al aspects of her bicycle mobile setup, her experiences doing public service events, and the fun of the Seattle to Portland bike ride. She will bring her bicycle for us to view. Marcie is an electrical engineer and works for Boeing in Everett. Last year she was president of the North Kitsap Amateur Radio Club.

AUGUST 9TH - THE DAYTON HAMVENTION - John Ellingson, K7OSK, from Rochester, will tell of his experience attending the Dayton, Ohio, Hamvention, and show some video pictures of the acres and acres of flea market sales. Dayton is the "Mecca" of ham radio, attracting 30,000 hams every year.



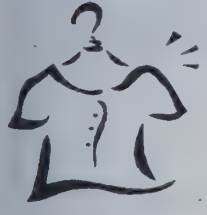
AMATEUR RADIO
Friendships around the world!

Your Ad Could Be Here!

Call, Shirley, N7QHW at (253)265-3661 for info.



Clothing with your name and call



	12 or more	24 or more
Denim long sleeve shirt	$35.00	$33.25
Polo shirt (with pocket or without)	21.00	20.50
Crew Neck Sweatshirt	19.00	18.25
Hanes Beefy T shirt	13.50	13.25
Fleece Vest (this one was at meeting)	48.75	47.50
Fleece Vest	36.75	35.00

You can pick your own colors.

The quantities needed to realize these prices is 12 items (any mix of the items listed above), so we could reach the lower prices more easily than it having to be just one item. Payment **MUST** be made when the clothing is ordered. **No exceptions.** I have a catalog and will try to have it at the meetings if you are interested in purchasing anything.

Questions or to place an order,
call Shirley Murphy, N7QHW, at 253-265-3661 or Nora Simmons, KC7JME, at 253-847-5124.

MEETING MINUTES

Radio Club of Tacoma
Membership Meeting
26 April 2000

Meeting opened at 7:30 PM with a flag salute by Worth Gurley, W7WG. Introductions were made around the room. Upgrades were congratulated.

Announcements: Jerry Selligman, W7BUN, announced the start of a new General upgrade class. He also asked for people to sign up for Field Day. Many tasks that need to be done. Jerry also told of upcoming programs. May 1st, meeting, Why QRP. May 26th, Setting up a HF station. June 14th pre Field Day. June 26th, mini Flea Market. July 12th, Show and Tell.

Health and Welfare: Cal Morgan, W7SFT, broken hip; Wilma Churchill, cancerous tumor, right lung, doing well; Danny Hermosillo, W7TEL, tooth surgery.

Program: Mike Crawford, WB7DFQ, presented 'All About Repeaters'.

Shirley Murphy, N7QHW, reported that the Sunday Tacoma News Tribune had a RCT article.

Adjourned at 9:03 PM.

Radio Club of Tacoma
Membership Meeting
10 May 2000

Meeting started at 7:33 PM with a flag salute by Ed, KC7OKS. Introductions were made around the room.

Health and Welfare: Merle Handy, W7QLG, doing well with chemo. He is at home and would appreciate a call. Wilma Churchill, doing better at University of Washington hospital. Correction on 4-26 minutes: Herb, W7OCA, former member, is a silent key.

Program: Rod Johnson, KA7YOU, 'Why QRP?'.

Reports and Announcements: Jerry, W7BUN, reported on progress for Field Day. Help still needed. Operators needed. Next meeting program, setting up an HF station. Roger, WA7ANJ, announced a Monday night meeting at 7 PM, to organize for the Flea Market. Lynn, KB6OKS, Station Manager, told of the Mt St Helens special event, and announced that the station would be open from 10 to 3 on Saturday. Also expected was a visit to the station by some Boy Scouts. Mick, KK7QS, gave a copier report. Alan, KB7SVU, reported that the beam antenna at the clubhouse was up and repaired. ARES/RACES, Alan reported of a problem that is being worked concerning staffing of TAC 1. Rich, N7ANF, reported on Field Day food.

Good Of The Order: Worth reported on the recent write up of the club in the newspaper. Bud, K7BUD, mentioned the upcoming W7DK At The Beach.

Adjourned at 8:40 PM.

Radio Club of Tacoma
Membership Meeting
24 May 2000

Meeting started at 7:35 PM by Ed, KC7OKS, Secretary. Flag salute was led by Al, AC7BU. Introductions were made around the room.

Announcements and Reports: Roger, WA7ANJ, reported on Mt. St. Helen's event. Jerry, W7BUN, announced upcoming programs and Field Day.

Program: Setting up a HF station.

Jerry, W7BUN, told of an estate sale, and said he had an equipment list.

Adjourned at 8:30 PM.

TREASURER'S REPORT

May 2000 SUMMARY		
INCOME		
DUES INCOME		846.00
BOOKS		65.00
BADGE SALES		27.00
COFFEE		60.52
COPIER FUND		50.00
FIELD DAY 1		9.37
TOTAL MAY INCOME		1067.89
EXPENSES		
TRANSFER TO SAVINGS	5000.00	
POSTAGE		70.40
BOOKS		173.99
CLASSES		39.00
UTILITIES		257.11
SECURITY BOND		105.00
RETURNED BARK		2.20
TELEPHONE		188.10
TOTAL MAY EXPENSES		835.80
NET GAIN FOR MONTH	232.09	

By way of explanation - the high phone bill is due to timing in that there were actually 3 phone bills paid during May...



Radio Club of Tacoma
Board Meeting
7 June 2000

The meeting was called to order at 7:30 PM By Vice President Morel Guyot, W6LIX.

Committee Reports:

Long Range: Nothing new.

Education and Training: No classes at this time. Just got the Technicians books in. A General class just finished.

Technical: Nothing since last time.

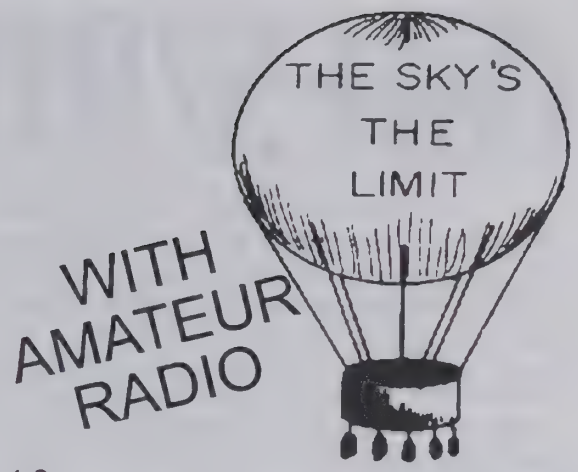
Public Service and Publicity: We have the press release for Field Day.

acilities: The lawn has been mowed a couple of times. We will pick up shingles to repair the garage roof tomorrow. Discussion on new handicapped ramp.
tation Manager: Absent. At work.
ield Day: Request to spend $266 plus shipping to buy 7 tnd pass filters. MSP. Asked for a work party to go in te week before to trim weeds at the site.
(d Business: W7DK At The Beach, MSP, to spend $00 for food.
lew Business: Discussion on interference on 147.28 peater. MSP to put a tone on it in the Fall. Anyone who s a radio without tone can get a code to turn the tone f. Discussion on spending $1600 for a new beam, rotor, ad tower. Tabled until next meeting. Discussion on possibility of building our own tables for the Flea Market. We vl revisit this when we have a price estimate. Discussin on generators and possibility of getting some new ces. Discussion on grants. Rich Manson, N7ANF, will gt someone to address the board on how to apply for gants.
Adjourned at 8:55 PM.

Fdio Club of Tacoma
Membership Meeting
1 June 2000
Meting opened at 7:32 PM. Flag salute was led by Bud, KBUD. Introductions and welcome to visitors.
Halth and Welfare: Ethel, W7WLX, is doing well. Wade, WA7OHG, a little under the weather.
Treasurer's Report: In the BARK
Anouncements: Jerry, W7BUN, announced upcoming programs, next one being the mini flea mart on June 21, 200.
Program: Jerry, W7BUN: Field Day planning meeting. Tsks assigned, operators lined up, and explanation of e.ra points available. Plenty of room for more operators onelp.
Committee Reports:
Training: General class finished, no new classes scheduld until Fall.
Station Operator: We had a special event at the club sttion on the 18th of May. We are planning a burger bin in mid July. Make a contact get a burger. We are planning a try at working all states from the club station in August. Look in the BARK for further details.
W7DK At The Beach: Great time had by all, in spite of h poor weather.
God of the Order: Alan, KB7SVU, reported on his non nanming in Germany. He did see an antenna. Discussin on regulations and problems putting a tower up in th Olympia area.
Adourned at 8:40 PM.



JULY CONTESTS



1-2
Canada Day Contest

8-9
IARU HF World Championship
QRP ARCI Summer Homebrew Sprint
CQ WW VHF Contest

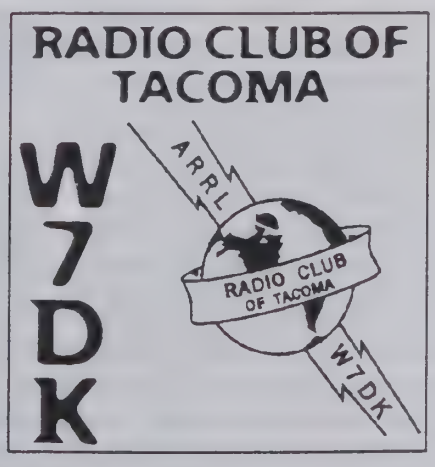
15-16
Six Club Six-Meter Sprint
Pacific 160-Meter Contest
North American QSO Party, RTTY

22-23
Georgia QSO Party

29-30
RSGB Islands-On-The-Air (IOTA) Contest
Flight of the Bumblebees QRP Contest

Want more info, check
www.arrl.org/contests

ELMER TODAY!



ARES/RACES

...de Shirley Murphey, N7QHW

As always, remember in times of need to tune into 145.37 repeater and see if anything is happening. If help is needed, please jump in with your call and volunteer to help. Don't wait for the phone to ring, just get on the air and volunteer.

Public Service Events are waning for the year but stay tuned for announcements on the weekly net at 7:00 PM on Tuesdays on 145.37 repeater and remember, VOLUNTEER. Judy LaFleur, N7NII, will be organizing these events this year. Contact her to volunteer or let her know on the weekly net. Reach Judy at 253-847-5198. We always need lots of volunteers so please consider helping. Remember as a member, we feel it is essential that each person participate in at least one event or drill each year.

Alan, KB7SVU, needs volunteers to help with making phone calls to schedule volunteers for events as they take place. This is an important job so please consider helping out. Again call Alan at 253-840-4947 to volunteer.

Another training need that is out there is the new communication vehicle which will be used for searches, and a multitude of other emergency events that may happen within our community. Contact Alan, KB7SVU, if you are able to be trained for this vehicle. Currently, TAC ONE organization is managing the training but check with Alan for what to do to get scheduled.

Never thought we would need to say anything about tornadoes but they do happen here so thought it would be the right season to print this information for future reference. This information comes from a book published by FEMA called "Are You Ready".

TORNADOES



Tornadoes are nature's most violent storms and can leave an area devastated in seconds. A tornado appears as a rotating, funnel-shaped cloud, striking the ground with whirling winds of up to 200 miles per hour or more. A tornado spins like a top and may sound like an airplane or train. Although tornadoes normally travel for up to 10 miles before they subside, 200-mile "tornado tracks" have been reported. Tornadoes can strike at any time of year and often accompany hurricanes. They occur most frequently during April, May and June.

WHAT TO DO BEFORE A TORNADO STRIKES

1. Know the terms used to describe tornado threats: A "tornado watch" means tornadoes, severe thunderstorms, or both, are possible. Stay tuned to radio and television reports in your area. Keep watch on the sky. A "tornado warning" means tornadoes have been sighted. You should take shelter immediately.
2. If you see any revolving, funnel-shaped clouds, report them immediately by telephone to your local police department or sheriff's office or dial 911.
3. Know the locations of designated shelter areas in public facilities, such as schools, public buildings and shopping centers.
4. Have emergency supplies on hand during tornado season.
5. Be sure everyone in your household knows in advance where to go and what to do in case of a tornado warning.
6. If you live in a single-family house in a tornado-prone area, reinforce an interior room to use as a shelter--the basement, storm cellar or a closet on the lower lever of your house.
7. Make an inventory of your household furnishings and other possessions. Supplement the written inventory with photographs. Keep inventories and photos in a safe deposit box or some other safe place away from the premises.

WHAT TO DO DURING A TORNADO

1. Whenever severe thunderstorms threaten your area, listen to radio and television newscasts for the latest information and instructions

.2. When a tornado has been sighted, stay away from windows, doors and outside walls. Protect your head from falling objects or flying debris. Take cover immediately, wherever your are: In a house or small building, go the basement or storm cellar. If there is no basement, go to an interior part of the structure on the lower level (closets, interior hallways). In either case, get under something sturdy (such as a heavy table) and stay there until the danger has passed. In a school, nursing home, hospital, factory or shopping center, go to predesignated shelter areas. Interior hallways on the lowest floor are usually safest. Stay away from windows and open spaces. Cooperate with the staff and authorities--they have had training about how to deal with emergencies. In a high-rise building, go to small, interior rooms or hallways on the lowest floor possible. In a vehicle, trailer or mobile home, get out immediately and go to a more substantial structure. If there is no shelter nearby, lie flat in the nearest ditch, ravine or culvert with your hands shielding your head.
3. Do not attempt to flee from a tornado in a car or other vehicle. They are no match for the swift, erratic movement of these storms.

WHAT TO DO AFTER A TORNADO

1. Use great caution when entering a building damaged from high winds. When entering or cleaning a tornado-damaged building, be sure that walls, ceiling and roof are

nplace and that the structure rests firmly on the foundation.
2. Look out for broken glass and downed power lines.
3. Check for injuries. Do not attempt to move seriously injured persons unless they are in immediate danger of further injury. Call for help immediately. If the victim is unconscious or has head or facial injuries and you are reasonably sure there has been no spinal cord injury, raise the person's head and shoulders slightly. Be sure the head and upper aback are supported, and clear the airway so that he or she will not choke. Maintain body temperature with blankets. Be sure the victim does not become overheated. Never try to feed liquids to an unconscious person.

LIGHTNING



Lightning is a serious hazard during thunderstorms and tornadoes. Take these special precautions if you are threatened by lightning.

1. When a thunderstorm threatens, get inside a home or large building or inside an all metal vehicle (not a convertible).
2. Inside a home, avoid using the telephone, except for emergencies.

If outside, with no time to reach a safe building or an automobile follow these rules: Do not stand underneath a natural lightning rod such as a tall, isolated tree in an open area. Avoid projecting above the surrounding landscape, as you would do if you were standing on a hilltop, in an open field, on the beach or fishing from a small boat. Get out of and away from open water. Get away from tractors and other metal farm equipment. Get off of and away from motorcycles, scooters, golf carts and bicycles. Put down golf clubs. Stay away from wire fences, clotheslines, metal pipes, rails and other metallic paths which could carry lightning to you from some distance away. Avoid standing in small isolated sheds or other small structures in open areas. In a forest, seek shelter in a low area under a thick growth of small trees. In open areas, go to a sow place such as a ravine or valley. Be alert for flash floods. If you are isolated in a level field or prairie and you feel your hair stand on end (which shows that lightning is about to strike), drop to your knees and bend forward putting your hands on your knees. Do not lie flat on the ground.

Remember to check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Shirley, N7QHW. PLEASE take note that if your DEM card has expired and there is not a current card on file in the DEM office, you WILL BE REMOVED from the list of volunteers. To be eligible again, you simply need to fill out a DEM application. Be sure to turn them in to Shirley, N7QHW so that all of our records are up to date.

Do you want to get involved? Simply contact Alan Hughes, KB7SVU at 253-840-4947 and let him know.

73 Shirley, N7QHW

FAIR 2000



Sign up early to work your favorite shifts at FAIR 2000! Call or e-mail Shirley, N7QHW, during July. The calendar chart will be available at the August club meetings. PLEASE make it easy on the coordinator and sign up early and often! There are 3 shifts a day (10:00 A to 2:00 P, 2:00 P to 6:00 P, and 6:00 P to 10:00 P Sun thru Thurs and to11:00 P Fri and Sat). Fair starts Friday Sept 8 thru Sept 24. Contact me at 253-265-3661 or sundance@harbornet.com. Shirley

HEALTH & WELFARE

[[[Kathleen, I received this today, June 18th. Frank]]]

To all:
It has been a long struggle, but finally some good news. The bone scan that was done a week ago Friday showed no spreading of the cancer, and we might have it contained. The radiation is going well and we are about half way through the regimen. Joanne's strength is very low and she tires easy.
She asked me to thank all who prayed for her, and give best wishes for all the fathers today.
To that I will add my own wishes for a happy fathers day.
Virgil - K7VP

(Ed Note:PTL!)

The BNC
and Other Common Connectors
De W7BUN

Many hams think that the letters BNC used to describe a common type of RF conector means **B**ayo**N**et **C**onnector. Actually the connector was named after two engineers working for Bell Laboratories in the late 1940s. The two developers of an entire series of RF connectors were Paul Neill and Carl Concelman. The BNC connector is actually a Bayonet Neill Concelman connector. These two also developed the TNC connector - a Threaded Neill Concelman Connector, the N Connector - a Neill Connector, the HN Connector - a High Voltage Neill Connector, the C Connector - a quick disconnect connector developed for the military, and an SC Connector - a screw-on version of the C Connector.

▶▶▶ ADDRESS CHANGES ◀◀◀

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to Shirley, N7QHW, @ 253-265-3661.

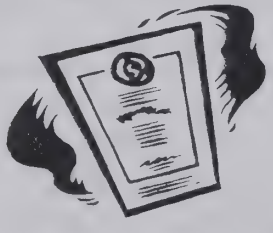
PINOCHLE



PINOCHLE & POTLUCK
See YOU in September!
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898

RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.
SIZES Small through XL ARE $39, XXL ARE $46 AND XXXL ARE $52.00.
GET ONE NOW!
Call Shirley, N7QHW, at 253-265-3661, to order yours today!



FIRST CONTACT AWARD

Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First Contact Award will be issued.

EDITOR'S NOTES

kathleen@naceplace.com



Hello from Spokane, where we are having service done on the motorhome at the new Foretravel sales and service facility. We leave here tomorrow (27 June) headed for Maine to visit family and to go to the summer FMCA convention. Roger has been working hard to get us up on APRS (Automatic Position Reporting System), where we transmit our position on 2 meters every minute when in motion and every 20 minutes when stationary. If we are within range of a station that is an internet gateway or that can relay to a gateway station, you may be able to track us on the internet. Check it out at `http://map.findu.com/k8rn` As we have been playing with APRS, it appears that there are some coverage holes in the western part of the country - ID and WY seem to have 'slim pickins'! Let us know via e-mail if you can track us and any other comments. Don't forget to sign up for FAIR 2000 and the Flea Market. The summer will soon be gone... See you in August 73, Kathleen

ARRL MEMBERSHIP

If you haven't joined or rejoined the ARRL, please do so through the Radio Club of Tacoma! The ARRL is the major voice for Amateur Radio in the US and, besides providing a wealth of information to its members, they provide us with a voice in Washington to help protect the interests of all amateurs. Additionally, RCT is an ARRL Special Service Club and RCT needs to have at least 51% of its members belong to the ARRL to retain its Special Service Club status. See the Treasurer for application forms, and bring your ARRL renewal notices and rejoin through the club. The club receives a commission for each new or renewed membership sent through the club.

JOIN TODAY!
See our club treasurer for details.



Circe Log 2000



6/3/00 News from Circe

Hello Kathleen and all of you out in radio land. I just checked my last message to you and it looks like it was St. Patrick's Day! Well, a lot of water has passed under our keel since then. We spent another six weeks in LaPaz doing boat projects, playing bridge, eating out and enjoying the local atmosphere. LaPaz is very "low key" although it is the capitol of Baja Sur. It's the opposite of Cabo San Lucas.

After leaving LaPaz, we sailed and motored to Escondido, stopping only to anchor overnight at San Evaristo and Aqua Verde. We were eager to get to Escondido for Loretofest and reunite with many of our cruising friends. Escondido is a natural hurricane hole. The Mexican government and some unsuspecting foreign investors thought it would make a great development. They plotted out streets for a "planned community" right on the water. They dredged canals, put in breakwater walls, a huge dock and a headquarters building. There are lovely old-fashioned streetlights and sidewalks and some paved streets. But now it's like a ghost town. The streetlights are only fixtures and the headquarters building is in ruins. Rumor is they "ran out of money." Near the main dock (used mostly by the Mexican Navy), there's an old building that was formerly a home base for Moorings. This is where the local Hidden Port Yacht Club holds their monthly meetings and miscellaneous functions. It too is pretty run down, but works well as a headquarters. Every May, HPYC hosts Loretofest. At least 100 cruising boats convene for a weekend of cards, horseshoes, over-the-line baseball, crafts, and live music by cruisers. The weekend opens with a Ham test Thursday morning. This is turning out to be somewhat of a reunion for those active on Sonrisa and Chibasco nets. In addition to a potluck, there's a fish dinner one night (compliments of the local gringo fisherpeople), a spaghetti feed and a pancake breakfast. All of these events are free. During the day you can buy hot dogs, beer or sodas for $1.This year they also had a Mexican vendor selling tamales, chili rellenos and empenadas. There's also a bay cleanup, early morning walks, dinghy races, a dinghy parade and a Spam contest. Yes, there's a lot going on. By Monday morning most everyone is ready to head out to the islands or just kick back and relax.

Lest you think this is "citified" living, read on. There are NO services at Escondido. There is excellent water available that comes down from the mountains. Some people take their big boats in to fill up but most of us cruisers just take jugs to fill in our dinghies. The nearest tiende (grocery store) is a mile up the road in Trapui. They have fresh vegetables, groceries, ice, beer and liquor. You can leave your laundry there and get it back clean and folded the same day for a reasonable price. (But remember you have to carry it from the boat to the dinghy dock and then a mile up the road in very warm weather.) It's another mile out this road to the main "highway." There's nothing there either except cactus and a few cows, but if you turn right and drive about 15 miles you reach the quaint little town of Loreto. We either arrange a ride with another cruiser who has a car or else we take the boat up there and anchor right in front of town, dinghy in and walk around town. We try to get back to the boat before the afternoon winds and sea pick up. Just recently they've paved a few streets and put in two stoplights. There's a bank, super mercado (bigger grocery store), bakery, fish taco stands, etc. Right in the middle of town is a little "farm" where this delightful elderly Mexican man grows and sells a variety of fresh vegetables: tomatoes, tomatillos, chilis, sweet corn, basil, cilantro, beets, egg plant, etc. Loretto is also where we must check in with immigration and the port captain both when we arrive in the area and when we leave. Fortunately several of the islands are within this jurisdiction so we can roam around once we've checked in. But before we head much farther North, we'll have to reverse the process and check out.

Right now we're anchored off Carmen Island. That's about two hours (Circe time) due East of Loreto. We're anchored in what would appear to be open roadstead but because we are in the lee of the land, we're protected from the usual Northerlies. We started to roll around a little last night just after dark but soon settled down and remained a quiet, peaceful anchorage.

The snorkeling continues to be excellent. One day I was just drifting along when all of the sudden I happened upon a wall of small, 8"-10", shimmering fish, all swimming in unison. Suddenly they broke up into groups, darting this way and that like an underwater fireworks exhibit. Underneath, chasing them were two pompano. This is the first time I've seen pompano. They're shaped kind of like an angelfish except they have long gold streamers from the top and bottom. I thought this school was large and then suddenly they joined another school and there must have been millions of them. It was an incredible experience.

Yes, it's warming up. It's in the 90's during the day and probably in the 70's at night. So you have to like warm weather to come here. Next month I'll tell you about Stef's 18-hour bus ride to the states and the new sport, diveboarding. Hasta la vista! Marilyn, KB7PCT. S/V Circe.

P.S. You hear some of the wierdest boat names on the radio. The latest winners are "Into the Wind With a Friend," "Couch Potato," and "Stinky Kitchen!"

◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet.

ARRL-VEC PROCESSING BOTTLENECK EASES

The ARRL-VEC reports further substantial progress in clearing the logjam of applications resulting from Amateur Radio license restructuring. Most new and upgrade candidates now are waiting four weeks between test session and license grant. The wait could be longer or shorter in some cases, however, depending upon when the VE team's test session paperwork arrived at ARRL-VEC. As of June 15, the ARRL-VEC was processing applications received May 24. ARRL-VEC Manager Bart Jahnke, W9JJ, reports that paperwork for another 300 test sessions—with 2350 applications—remains in the queue. He says that represents a potential 500 Tech licenses, 1200 General licenses and 650 Extra licenses. Once applications are received by the FCC, they generally are processed overnight. Jahnke said the ARRL-VEC expects to cut its backlog to two weeks or less within a week.

PHASE 3D TENTATIVE LAUNCH DATE RESET

AMSAT now says the next-generation Phase 3D Amateur Radio satellite will launch in September at the earliest. Under the latest tentative Arianespace launch schedule, P3D could go up on the Ariane Flight 507 as early as mid-September, but the launch could be as late as the end of October.

Flight 507 had been on the schedule to go into space in July. Arianespace recently announced a resumption of Ariane flights from the European Spaceport. A three-month flight hiatus resulted when several prime Arianespace passengers put their launch preparations on hold until concerns over possible onboard thruster problems could be resolved.

AMSAT-NA President Keith Baker, KB1SF, called the Arianespace announcement "very good news" for the Phase 3D program. On the Ariane 507 launch manifest with P3D is the PAS-1R satellite and two STRV microsatellites.

MIR CREW TALKS TO STUDENTS BEFORE HEADING HOME

As it prepared to mothball the aging Russian space station—possibly for good—and head home, the crew of Mir spoke via ham radio with youngsters at a school in Pennsylvania on June 12. Handling the earthbound end of the contact was Tom Daniels, N3CXT. Sergej Samburov, RV3DR, of Energia was on-line to assist with translating. Using the R0MIR call sign, cosmonauts Sergei Zalyotin and Alexander Kaleri held a 10-minute conversation with youngsters at the Schnecksville School. At one point, the cosmonauts were asked if they liked it better in space or home on Earth. "When I live at home, I would like to be in space, but now I would like to be home," one of the two space travelers responded. The cosmonauts' school contact attracted the attention of MSNBC, which carried the story with video on their web site.

DXCC ANNOUNCES NEW 15 METER AWARD:

The ARRL DXCC Desk has announced the addition of a 15-meter single band, standalone DXCC award. As of June 1, DXCC printouts were set to reflect credits on 15 meters. The award will become available starting July 1.

ANTI-VIRUS SOFTWARE MAY IMPAIR ULS ACCESS:

Dennis Faist, WB8TUU, reports he had problems during recent attempts to log on to the FCC's Universal Licensing System using direct dialup. He suggests that individuals running into difficulty during the Netscape Navigator 4.73 logon/encryption procedure disable McAfee anti-virus software. Faist says running McAfee in the background inhibited his system's ability to download Java applets necessary for filing an application via the ULS. "I was running McAfee anti-virus software initially in the background. Disabling the McAfee software, re-logging onto the FCC ULS site, and letting the four FCC applets—ClientUtil.jar, jaguar.jar, jconnect.jar, and powerj.jar—download and function cured the problem," he says.

WRC-2000 RECOMMENDS AGENDA FOR WRC-2003

The WRC-2000 Future Agendas Working Group has agreed to recommendations for a number of World Radiocommunication Conference 2003 agenda items of importance to Amateur Radio. Among other things, the Little LEOs could be back at the trough at WRC-2003 seeking additional allocations. The WRC-2003 agenda is not cast in concrete, however. The ITU Council will make a final decision on the WRC-2003 agenda two years before the conference. The recommendations came as WRC-2000 concluded June 2 in Istanbul, Turkey.

Some other items of interest to Radio Amateurs possibly include:

- Revision of the basic rules for the amateur and amateur-satellite services and includes the requirement to demonstrate Morse code proficiency for access to amateur bands below 30 MHz.
- Provisions concerning the formation of call signs in the amateur services in order to provide flexibility for administrations
- A so-called "harmonized" or worldwide 40-meter allocation
- Allocations for non-geostationary, non-voice mobile satellites—the Little LEOs—below 1 GHz, as well as spectrum above 1 GHz for feeder links.

Other items, considered unlikely to gain consideration include:

- Consideration of frequency allocations for HF broadcasting from approximately 4 to 10 MHz.
- Up to 6 MHz of frequency spectrum to the Earth Exploration-Satellite Service in the 420 to 470 MHz band.

ARRL TO HAVE SATELLITE HOME VIEWER IMPROVEMENT ACT ROLE

The FCC has assigned the ARRL a role under the new Satellite Home Viewer Improvement Act. The FCC has designated the League to appoint a party to conduct a signal strength test at a subscriber's household in the event of a dispute between network stations and satellite carriers over who should carry out the testing. Under SHVIA, a household is eligible to get distant TV signals via satellite if it cannot receive a Grade B signal using a conventional, outdoor TV antenna, but viewers can apply for waivers. The SHVIA provides that if a waiver is denied, a consumer can request a signal test to determine the actual signal strength received. The ARRL could be called upon to select an appropriate entity to take the measurement in rare instances when the satellite provider and the network station cannot agree on one.

HAMS REMEMBER BIG BAND LEADER "TEX" BENEKE, K0HWY, SK

Big band singer and saxophonist Gordon L. "Tex" Beneke, K0HWY, of Santa Ana, California, died at a rest home in Costa Mesa May 30, reportedly of respiratory arrest. He was 86.

CONTINUING EDUCATION PILOT PROJECT

Update: The ARRL Continuing Education Emergency Communications Pilot Program is aiming to meet its projected end-of-summer deadline to complete Phase 1. An Advisory Committee has been assembled to assemble the Emergency Communications course.

DAYTON 2000: HAMVENTION-CONVENTION 2000 A HIT!

Amateur Radio's upbeat mood spilled over into Dayton Hamvention 2000, which hosted the ARRL National Convention. Early indications were that the three-day event, which ended Sunday, attracted more than 30000 visitors for the first time in its history. Sales counters were busy. Several dealers reported running out of popular items well before the end of Hamvention.

Hamvention banquet speaker Riley Hollingsworth, K4ZDH, exhorted his audience to work toward making the Amateur Radio Service the finest radio service ever. Hollingsworth, who's the FCC's special counsel for amateur radio enforcement, reiterated that the Commission is in the enforcement business to stay. "I work with you in restoring the Amateur Radio Service to its rightful place in the American communications infrastructure is the greatest privilege of my professional and personal life," Hollingsworth told the banquet audience.

Jim Haynie, W5JBP, the League's new president, told those attending the ARRL Forum Saturday, "These are extremely exciting times for Amateur Radio I hope you are as excited about our future as much as I am, because if you are, we can do nothing but win." Haynie discussed the broad parameters of "The Big Project"—his ham radio in the schools initiative that would offer a turnkey curriculum in Amateur Radio as well as equipment for use in middle school classrooms. Haynie said he plans to have the program, funded by corporate and foundation grants, in place by the end of 2001.

During ARRL Executive Vice President David Sumner's, K1ZZ, "Vision for Amateur Radio's Future" he noted that Amateur Radio's demographic peaks in the late 40s or early 50s. "This is the 'baby boom' moving through the system," he said. "The point of entry for Amateur Radio today is not principally teenage, as it perhaps was 30 or 35 years ago." Sumner said today's technology has opened Amateur Radio's once "unique window on the world" to many outside the hobby, especially those on the Internet. That trend will continue, he predicted, as telecommunication costs drop. In the future, the population that got into ham radio as a cheap personal communication service will no longer be attracted to the hobby, he said. "The effect of that is that the licensing figures likely will go down." He predicted a precipitous drop in the number of Amateur Radio licensees in the US starting in 2001, when many licenses of those who had entered the hobby a decade earlier as a part of the initial flurry of code-free Technicians expire. But he doesn't see that as a major negative for ham radio—just indicative of a shift in focus of the participants. Sumner said he's seen a higher regard for disaster communications capabilities of Amateur radio at WRC-2000 than he'd seen at other recent conferences. "A low-technology solution to disaster communications is not a bad thing, it's s a good thing," he said. Sumner said if a proposed "harmonized" worldwide allocation at 7 MHz ever is approved at a future World Radiocommunication Conference, it will not be because of DXing or contesting but because of disaster communications capability. Sumner said Amateur Radio will continue to have a role in scientific investigations. And he said personal achievement and accomplishment will continue to provide an incentive to be a part of Amateur Radio in the future. "Lest we forget," he said, "it's supposed to be fun."

The impact of restructuring is being felt at the FCC. During the FCC Forum, Bill Cross, W3TN, of the Wireless Telecommunications Bureau announced that the Commission already had processed nearly 9200 license upgrades as of May 19—six times the normal flow of applications. "It appears Advanced class licensees are upgrading in significant numbers," he said. "So are the Technician Plus class licensees." He recommended that experienced amateurs help newcomers to bridge the gap between their new license classes and their sometimes less-than-fully developed operating skills. "Just like you, newly minted Generals and Extras want to comply with the rules," Cross said. "Just like you, they have invested a lot in getting that signal on the air, although it may be on the wrong frequency. And just like you, a correction that starts with 'you idiot' isn't going to get the result you want."

Yaesu introduced its Model V FT-1000MP HF transceiver, which features 200 W output and several improvements over the original MP platform. The radio could be on the market by month's end. Kenwood also had a developmental all-band, all-mode transceiver on display. Elecraft debuted its K1 transceiver kit, a two-band, low-power unit aimed at backpackers and travelers. Ten Tec introduced its Pegasus FP (for "front panel")

HF transceiver, a desktop version of its popular PC-controlled Pegasus. A new player, Mobat Communication--a partnership of Motorola and Bartal–introduced its MICOM H transceiver, a computer-programmable DSP-based HF radio.

SPECTRUM PROTECTION BILL

Update: The Amateur Radio Spectrum Protection Act bill, HR 783, now has 151 cosponsors. The House Commerce Committee and the Telecommunications Subcommittee have not yet acted on the legislation, however, and it appears that those committees may not act on much more this session. In the Senate, a companion bill–S 2183–seems to have slightly more favorable prospects. With nine cosponsors, it has drawn the interest of some members of the Senate Commerce Committee.

AUSTRALIAN 75-METER BAND TO EXPAND:

The Australian Communications Authority has announced that the band 3776 to 3800 kHz will be reallocated to the Amateur Service there as of January 1, 2004.

TUESDAY NIGHT NET MAY CHECK-INS

CALL	CHECK INS	NAME
K3ROT	4	BYRON
KD6ILO	2	MARIO
W6LIX	1	MOREL
KB6OKS	3	LEE
KD7AAG	2	MARK
N7ANF	1	RICH
KJ7BN	1	MARILYN
AC7BU	2	AL
K7BUD	1	BUD
W7BUN	4	JERRY
KD7CZS	2	RAY
W7DON	2	DON
W7EC	4	HAL
KC7ETS	1	JIM
KC7ETT	1	DONNA
KK7FM	1	GEORGE
KD7GOR	2	BILL
KD7GTZ	3	VERN
KI7HJ	1	DON
KA7HJN	1	CHUCK
N7HNX	1	RANDY
KD7IBU	1	BOB
KA7IOX	4	SCOTT
K7JIL	3	JILL
KC7JME	4	NORA
NN7L	4	JASON
WA7OHG	2	WADE
KC7OQW	5	JOHN
KC7OQX	4	SUSAN
KB7QAG	4	JEFF
WB7QCS	1	BOB
N7QHW	2	SHIRLEY
N7QHX	2	TOM
N7QOZ	2	BOB
KK7QS	2	MICK
KK7QW	1	PETE
N7RRL	1	MARK
W7SKI	2	BOB
KC7SYW	3	MARY
K7TDJ	1	TOM
AB7TW	3	BOB
N7UFB	1	RIC
KC7VUM	4	LOU
KB7WDB	3	LOU
W7WG	3	WORTH
W7WIA	2	OLIVER
KC7YEF	3	FRANK
W9BYH	2	BILL
WA9RMK	1	WILLARD

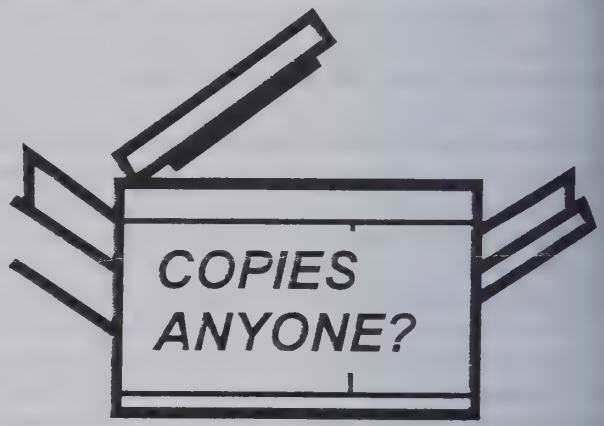
NET CONTROL STATIONS

MAY 2	KK7QS
MAY 9	K3ROT
MAY 16	AC7BU
MAY 23	W7BUN
MAY 30	W7BUN

MUSEUM MUSINGS

Calling all amateurs! Calling all amateurs! Do you have an interesting story or experience to relate about happenings with or how you got started in ham radio? Please get in touch with Worth, W7WG, and get in line to be published!

George Wood, KA7HGE, who gave such an interesting presentation at a recent club meeting about his amateur radio experiences in Thailand, Laos, and Viet Nam during the years he was a missionary there, consented to write a story for the last issue of the BARK. What about **YOU** doing the same?!?
Worth Gurley, W7WG, 253-582-3844





AREA SWAP MEETS

...and in the year 2000...

Sept. 9th - Radio Club of Tacoma Flea Market at Pierce County Fair Grounds

(If you know of swaps happening in the NW in the coming months, please let your editor know. Thanks.)

SCHEDULE YOUR SWAPMEET VISIT



So you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members area their areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment

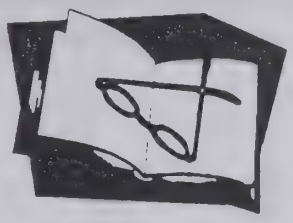
Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652	1,4,6,9,10
John, KB7SVU	253-840-4947	4,5,10
Frank, AB7YZ	253-752-8520	2,3
Victor, WA7ANJ	253-475-4293	1,2,3,4,7,8,11

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the board!

(Ed. Note – We need more volunteers on the elmer board. Please add your name to the list!)

Amateur Radio Exams

in the Puget Sound Region as of November, 1999



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Thursday - 7:00 PM, **Bonney Lake** Library,18501 90th St East – Contact Roxann Holwege, AB7HO, at 253-862-8905

2nd Tuesday - 7:00 PM - Radio Club of* Tacoma *Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 360-456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Denny's Restaurant, #3 13100 48th So., Contact Mary Lewis, W7QGP, 206-523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 Tobin Street - Contact Jan VanAllen, K7YH, in Kent, at 206-824-9039.

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

3rd Saturday - 10 AM - **Shelton** - Shelton Airport - Contact - Dick Bostrom, N7LD, 360-426-4627, Shelton

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Jim Elliot, AA7OM, 360-456-5571, Olympia

4th Saturday - 10 AM - **Everett** - Everett Housing Authority - 14th and Popular - Contact Loren Hole, KK7M, 425-335-5158, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Walt Winters, AA7TL, 360-692-8326, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - 253-845-7652



RADIO CLUB OF TACOMA-W7DK

ELECTRONICS FLEAMARKET

SATURDAY SEPTEMBER 9, 2000

Admission $5 (16 and under FREE with an adult)

Hey! IT'S A GREAT
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Simplex 146.58

RETURN THIS PORTION FOR TABLE RESERVATIONS ONLY

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BOX 11188
TACOMA, WA 98411

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___
___

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#	DESCRIPTION	$
	Non- Commercial Tables@ $20 each Includes One Seller Admission	
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	TOTAL AMOUNT ENCLOSED	

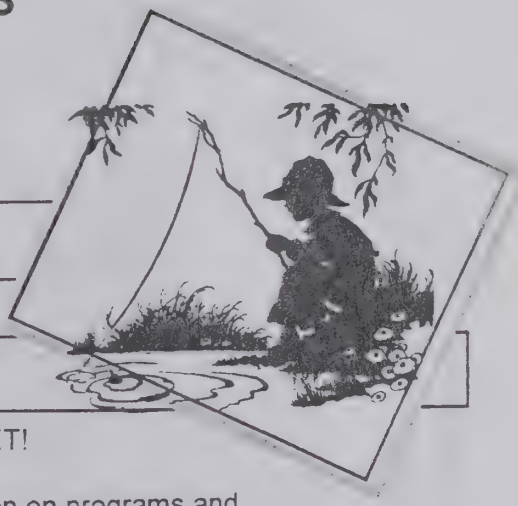
AUG 2000

H LOGGER'S BARK
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COMING EVENTS



~~Pinochle Potluck - Back in September. Have a GREAT summer!~~~

AUG 2 - **Board Meeting - Clubhouse, 7:30 PM - All members welcome.**

AUG 8 - **License Exams** - 7 PM - Clubhouse

AUG 9 - **Club Meeting** - Library Administration Center, 7:30 PM
Program: THE DAYTON HAMVENTION - John Ellingson, K7OSK

AUG 15 - BARK deadline

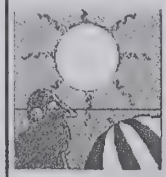
AUG 23 - **Club Meeting** - Library Administration Center, 7:30 PM
Program: ALL ABOUT QSL CARDS - Jerry, W7BUN

- Sign up to work FAIR 2000, running Sept. 8 - 24, and our FLEAMARKET!
- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- **See page 3 for meeting program schedule.** Check the weekly net for updates to the program schedule.

Enjoy summer!

August 2000

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 **7:00 PM ARES NET 145.37R** **7:30 PM RCT NET 147.28R**	2 **7:30 PM RCT BOARD MTG** *LARRY KD4VOM *RENE	3  **SUMMER FUN**	4 *PHILLIP W7PFZ	5 **9:00 AM OPEN HOUSE** **7:00 PM PINOCHLE POTLUCK** *GEORGE KK7FM *RICHARD KK7VH
6 *FRANK W7FJB *GEORGE W7GFC	7 *ED KB7FEW *EVA WB7QNS	8 **7:00 PM ARES NET 145.37R** **7:00 PM RCT LICENSE EXAMS** **7:30 PM RCT NET 147.28R**	9 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD *EDWARD KA7LGV	10 *DON K7QLC	11	12 **9:00 AM OPEN HOUSE** *JIM KC7SYT *RALPH K7ITW
13	14  **BARK DEADLINE IS THE 15TH**	15 **7:00 PM ARES NET 145.37R** **7:00 PM MVWS LICENSE EXAMS** **7:30 PM RCT NET 147.28R**	16 *JACK K7DBU	17	18	19 **9:00 AM OPEN HOUSE** *ED KC7SAA *RUSS KC7EKI
20	21 *BOB N7QOZ	22 **7:00 PM ARES NET 145.37R** **7:30 PM RCT NET 147.28R**	23 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD *ROBERT KF7KI	24 *NANA N7OIX *RALPH KA7FIG	25	26 **9:00 AM OPEN HOUSE** *HAROLD W6JYV
27 *MARILYN KJ7BN	28 *JEFF KC7ZWE	29 **7:00 PM ARES NET 145.37R** **7:30 PM RCT NET 147.28R** *DON KB7ZKY *MAX W7AEA	30	31 *CANDY KK7BI *ROBERT W7RNR		

July 2000

S	M	T	W	T	F	S
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16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

September 2000

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10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

* HAPPY BIRTHDAY

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXVII NR. 8 | W7DK | AUGUST 2000

FROM THE PRESIDENT

I will finish telling about my trip to Germany next time. This time I want to talk about our next major event, our flea market. I know that Roger has an article about it but I feel that its so important that more needs to be said.

To put on a good flea market takes a lot of help, and where do we get that help? From the members of the Radio Club of Tacoma is the answer. We have just over 300 members, out of those I know a few are not able to help do to health problems and a few will have to work at their regular jobs. That should still leave 150 members to help at the event. One of the main jobs that needs to be filled is security to keep things in order. It doesn't require any special skills, just common sense.

Remember, this is our one major money making venture of the year. You ask why we need to make money? Well, remember that owning the club house has responsibilities - ie: property taxes, insurance, phone, electric, water and garbage and upkeep of the building. Our only other option that I can see is not an option that I like: that is to raise the dues. Please ask yourself: why did you join the club? How much time each year do you put into the club? And why can't you spend one day to help out your club?

Till next time 73

Alan, KB7SVU

RADIO CLUB OF TACOMA

Flea Market! FAIR!

W7DK

ARRL — RADIO CLUB OF TACOMA — W7DK

IN THIS ISSUE... lots of goodies

- ▶ **COMING RCT PROGRAMS** - Page 3
- ▶ **ARRL NEWS** - Page 4
- ▶ **CONTEST CALENDAR** - Page 9
- ▶ **MINUTES** - Page 8
- ▶ **MUSEUM MUSINGS** - Pages 7 + 12

FAIR 2000 FLEA MARKET

Sign up today to help make these 2 events successful. Neither can happen without YOU!

ON THE WEB www.w7dk.org Come see us!

RADIO CLUB OF TACOMA -- 1999

PRESIDENT	ALAN HUGHES	KB7SVU	840-4947
V PRESIDENT	MOREL GUYOT	W6LIX	838-5433
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PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call a club officer to pass on the word to the appropriate person(s).

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.28 / .88 MHz 144.97 - Packet
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Steven R DePuydt, KD7FVU RCT#2072
2542 Locust Ave W
Tacoma, WA 98466-3534 253-581-6060
psenetbiz@aol.com

David B Stilwell, KD7EMZ RCT#2073
3803 Vassar Loop SE
Lacey, WA 98503-4186 360-438-7422

Reinstatements

Address/Phone Changes/Corrections

Rich Manson, N7ANF
PO Box 9235
Tacoma, WA 98409-0235
Phone same

E-Mail Address Changes/Additions

Jill Stearns, K7JIL
New e-mail is hamtalker2@aol.com

New Calls/Upgrades

Robert C Nelson
Add to new member information his call of KD7HBE

Silent Keys

Dewey Wilson, W7HF
Merle Handy, W7QLG

Radio Club of Tacoma License Exams

AUGUST 8, 2000

7 PM RCT Clubhouse

1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.65. For information call: Shirley Murphy, N7QHW @ 253-265-3661

Fee as of Jan. 2000 – $6.65

ADDRESS CHANGES

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to Shirley, N7QHW, @ 253-265-3661.

COMING PROGRAMS AT RCT

UGUST 9TH - THE DAYTON HAMVENTION - John Ellingson, K7OSK, from Rochester will tell of his experience ttending the Dayton, Ohio, Hamvention, and show some video pictures of the acres and acres of flea market sales. ayton is the "Mecca" of ham radio, attracting 30,000 hams every year.

UGUST 23RD - ALL ABOUT QSL CARDS - With the recent upgrade of many hams to license classes with HF privi-ges, there have been requests for a program on the why and how of sending and receiving QSL cards. Jerry, /7BUN, will discuss the design of QSL cards, the incoming and outgoing QSL bureaus, International Reply Coupons RCs), "green stamps" foreign postage, awards requiring QSL cards, and card verification.



TUESDAY NIGHT NET CHECK-INS

The list will return next month. I have the data but NO space…
Thanks for your participation. Editor...

FIELD DAY 2000

de Jerry, W7BUN

Cer 50 members and visitors participated in the club's Field Day exercise the last weekend in June in Parkland. Everyoe agreed that this was one of the most fun filled Field Days in many years. There were seven stations set up and oe ting on HF and VHF. Roger Nace, K8RN, designed a computer logging program exclusively for the club's Field Day, a most stations used laptop computers and found it made logging and keeping track of duplicates much easier than ng pencil and paper as in the past. The food served Saturday evening, Sunday morning and Sunday noon was outsnding thanks to the efforts of Lynn, KC6OKS, and Rich, N7ANF, and all those who brought great potluck dishes. Ters and antennas went up smoothly, the generator worked perfectly, and the weather was great, except for a short sower Saturday morning. The club's Board of Directors had earlier authorized the purchase of bandpass filters and the e of these eliminated interband interference for the first time. The only problem remaining was intraband interference, th SSB and CW stations on 20 meters experienced great interference from each other. This is a project needing to be sved for next year.

Te QSOs were logged as follows:
C/ - 40 meters - 62 QSOs
20 meters - 599 QSOs
PONE 160 meters - 10 QSOs
80 meters - 113 QSOs
40 meters - 136 QSOs
20 meters - 512 QSOs
15 meters - 33 QSOs
2 meters - 1 QSO
NVICE/TECH STATION (KC7VUQ)
10 meters SSB - 58 QSOs
TTAL SCORE WITH MULTIPLIERS AND BONUS POINTS
4770 POINTS.



CONGRATULATIONS TEAM!

◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet.

RFI TASK GROUP TO HIGHLIGHT INTERFERENCE TO AMATEURS

When the ARRL Board of Directors meets July 21 in Hartford, members will hear an extensive report on the recent activities of the RFI Task Group, which has concluded that interference to amateur operations appears to be today's most significant RFI issue. "RFI, especially RFI from unlicensed devices, poses real threats to Amateur Radio," the Task Group's report says.

Board members will hear of recent Task Group efforts to resolve interference complaints involving wireless modem jacks and power line interference, among other issues. The Task Group report will address the interference potential of other Part 15 devices, including unlicensed emitters on 2.4 GHz, home phone networking devices, and Very High Speed Digital Subscriber Line technology, which could affect amateur HF bands.

FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth, K4ZDH, met informally with ARRL officers and members of the Board when he visited ARRL Headquarters July 20. A report from the Enforcement Task Force is on the Board's formal agenda.

WRTC CHAMPS K1TO, N5TJ DO IT AGAIN IN SLOVENIA - RCT MEMBER DAN HANDA, W7WA, FINISHES IN TOP TEN

World-champion contesters Dan Street, K1TO, and Jeff Steinman, N5TJ (ex-KR0Y), retained their title at the World Radiosport Team Championship 2000 competition in Bled, Slovenia. Street and Steinman topped the field of 53 WRTC-2000 two-operator teams from around the world in off- and on-the-air operating events designed to test their contesting skills. Using the call sign S584M, the top-scoring K1TO-N5TJ WRTC-2000 team racked up 969 points of out a possible 1000.

During the 20-hour WRTC event, K1TO and N5TJ managed to put 2234 contacts into the log--1277 of them on CW--and collected 364 multipliers (under WTRC rules, multipliers were counted separately on phone and CW). Street and Steinman also topped the field of competitors at the last WRTC, held in 1996 in the San Francisco Bay area. This time around, however, they did not enjoy the same home-court advantage.

Finishing in second place with 910 points was the Russian team of Igor Booklan, RA3AUU, and Andrei Karpov, RV1AW, operating as S587N. Coming in at number 3 with 870.34 points was the US wildcard team of Doug Grant, K1DG, and CQ magazine contest editor John Dorr, K1AR. Grant and Dorr operated as S582A.

In the final results, only one other US team made the top 10. The S519I team of Bob Shohet, KQ2M, and Radio Club of Tacoma member Dan Handa, W7WA, finished at number 8.

ZVEZDA MODULE EVENTUALLY TO HOUSE HAM RADIO

The just-launched International Space Station Zvezda Service Module eventually will become home to the first permanent Amateur Radio station in space. Until the Amateur Radio on the International Space Station--or ARISS--antennas can be installed on the Service Module, however, the initial ham station gear will be installed aboard the Zarya Functional Cargo Block, already in space.

The first ISS crew, headed by US astronaut Bill Shepherd, KD5GSL, is scheduled to be launched in October from Kazakhstan. Accompanying Shepherd will be Russian cosmonauts Sergei Krikalev, U5MIR, and Yuri Gaidzenko.

If all goes as planned, the initial amateur station hardware will be sent up to the ISS aboard shuttle mission STS-106 in August, and Shepherd and his crewmates will be on the air on 2 meters (FM voice and packet) from the Functional Cargo Block this fall. The initial station will use an existing Functional Cargo Block antenna that's being adapted to support operation on 2 meters but not on 70 cm.

Current plans call for amateur 2-meter and 70-cm antennas to be installed on the Service Module during a space walk next year. The initial station gear will be reinstalled in the Service Module once the antennas have been fitted. As ISS construction progresses, it's expected that slow-scan TV, various types of amateur TV, and experimental projects eventually will be added.

FCC (AGAIN) POISED TO KICK OFF CORES

Stand by to get familiar with some new government acronyms. Amateurs registered in the Universal Licensing System--ULS--can expect to receive a new FCC Registration Number--FRN--in the near future. The new 10-digit FRN is part of the soon-to-be-reannounced Commission Registration System--CORES. An FCC spokesperson said that the FRN will not replace the Licensee Identification Number amateurs were issued when registering with the ULS.

CORES and the related FCC Registration Number system--being implemented by the FCC's Office of the Managing Director--are not expected to become mandatory until sometime next year. An FCC Public Notice to announce implementation of the program is expected soon. The FCC released then promptly rescinded an initial Public Notice on CORES/FRN earlier this year. Specific details and dates of implementation are still not known.

An FCC spokesperson this week urged amateurs not already registered in the ULS to register now, so that they automatically will be incorporated into CORES. The FCC will send each ULS-registered licensee a letter with their FRN and CORES password. The FCC has said it will make every attempt to minimize the impact of CORES/FRN on Amateur Radio licensees, and no action will be required on the part of amateur licensees already registered in ULS.

LS CONTINUES TO CONFOUND SOME USERS

At the Dayton Hamvention, the FCC's Bill Cross, /3TN, referred to his agency's Universal Licensing Sys- m as "the licensing system you love to hate." That ight have been a bit of an overstatement, but questions bout ULS to ARRL do suggest that not everyone in the mateur Radio community has a handle on the system.

The FCC deployed the ULS for the Amateur Ser- ce last August 16, and most initial wrinkles were worked ut by year's end--including a huge backlog of vanity ap- ications. The ULS recently added filing capability via the ternet.

Some confusion remains between ULS registra- on and ULS filing. All Wireless Telecommunications Bu- eau licensees, including amateurs, first must register ith the ULS before filing any applications--and that in- udes license renewal. Registration requires providing a axpayer Identification Number" or TIN to the FCC--a ocial Security Number for individuals. The FCC main- ins it must collect SSNs under provisions of the Debt ollection Improvement Act.

Registration provides each licensee with a Licen- ee Identification Number--which may be used in place of e SSN/TIN in future applications. Registrants also se- ct a password so they can access the system.

Amateur applicants who appear at a volunteer kaminer session are automatically registered in the ULS hen upgrading or qualifying for a new license. These dividuals then must contact the FCC's Technical Sup- ort Hotline (202-414-1250) in order to obtain a tempo- ary ULS password. Registered amateurs may change eir passwords online via the ULS.

The ULS site permits you to update your registra- on information, but doing so does not change your FCC censee record. That requires filing an application. Filing cludes such things as applying for a vanity call sign, re- ewing a license, or changing a mailing address. The LS home page has instructions to accomplish these and her application functions.

The "SGIN" has been another point of confusion. mateurs registering on the ULS should ignore refer- nces to the SGIN (which stands for "Sub Group Identifi- ation Number"). The SGIN does not apply to amateur pplicants. Creating an SGIN when registering causes roblems. Amateurs who inadvertently completed the GIN section during ULS registration should go back and liminate it. Otherwise, future ULS transactions could run foul of the ULS' built-in error-checking system.

It's still not possible to apply for a club station li- ense via the ULS. That requires using the paper FCC orm 610B. An FCC Order designating a system of club ation license administrators is expected later this year. is possible to register an existing club station on the LS in order to make later changes to the license record, owever.

To apply for a new license or to register, the club ustee first must obtain an Assigned TIN from the FCC y calling the Technical Support Hotline (202-414-1250). or a new club station application, the ATIN should ap- ear on the upper righthand corner of the Form 610B. oing this automatically registers the club station in the ULS. A current club station licensee must register on ULS as "A business entity," completing the "Licensee Information" and "Contact Information" sections, listing the call sign, and providing a "Personal/Corporate Identifier" (the club station call sign will suffice). Club station registrants also must select a ULS password. Club station registrants should not complete the SGIN section.

For more information, call the FCC's Technical Support Hotline, 202-414-1250, visit the ULS site, or the ARRL Web site.

FCC SAYS "NO" TO SSB, DIGITAL MODES IN VHF CW SUBBANDS

The FCC has turned down a request asking it to permit SSB and digital modes in the 6 and 2-meter CW-only subbands. The petition was filed last August by the California Six Meter Club and was assigned rulemaking number RM-9806. The FCC sought comment on the proposal early this year.

The CSMC said it requested the additional emission types because its survey of weak-signal operations indicated that the CW-only segments are hardly used. The club said most DX and weak signal work takes place on frequencies above the CW subbands. The FCC said it received one comment, which opposed the petition.

In denying the request, the FCC said it did not believe the requested revisions were necessary or had the support of the amateur community. The FCC said the petition's premise that the segments 50.0 to 50.1 MHz and 144.0 to 144.1 MHz appear "virtually unused" was contradicted by an earlier petition filed by the Central States VHF Society. The CSVHFS had sought additional spectrum to protect so-called weak signal operations from wideband modes. The FCC dismissed the CSVHFS petition last November.

CALIFORNIA GROUP ADDS LASER MODE TO FIELD DAY REPERTOIRE

Participants at the Palomar Amateur Radio Club ARRL Field Day site in Valley Center, California, this year completed a two-way voice contact via laser beam. In typical ham radio tradition, communicating over the nearly 13-mile path on a beam of light involved minimal cost and readily-available parts.

Equipment involved two full-duplex voice-modulated laser units constructed using PVC pipe housings. Each uses an ordinary 0.5 mW red "pointer" laser costing less than $3 apiece as a transmitter. The lasers were mounted outside the PVC tubes. Since a laser beam is very narrow, the apparatus is aimed with the aid of a rifle telescope. Precise positioning was accomplished using two micrometers salvaged from microwave tubes.

At the transmitting end, a "stock" pointer laser is powered by a 35-kHz oscillator. A microphone frequency modulates the 35-kHz oscillator at 5 kHz deviation. At the receiving end, the incoming red laser light hits a plastic Fresnel lens that focuses the light onto a photo detector. Out of the photo detector comes the 35-kHz FM signal. That signal is mixed with a 145.000 MHz local oscillator, producing a signal on 145.035 MHz. That signal is run through coax to a ham radio H-T tuned to 145.035 MHz--the H-T serving as the FM demodulator/receiver. The system is full-duplex.

FCC'S HATFIELD TELLS HAMS TO "WALK THE WALK"

The FCC's Dale Hatfield, W0IFO, predicts a bright future for Amateur Radio. But the Office of Engineering and Technology chief says that amateurs "will be under a certain amount of pressure" to justify their free use of the radio spectrum. As a result, he said, it will be more important than ever that hams actually fulfill their service, good will and educational roles--not just talk about them.

Hatfield offered his observations as keynote speaker for AMRAD's 25th anniversary dinner June 17 in Virginia. Hatfield told the gathering, "the key issue for the amateur service is maintaining access to an adequate amount of spectrum." While emphasizing that he was not suggesting any immediate threat, Hatfield said hams will have to do a better job of justifying their current allocations.

Hatfield said hams should actually engage in experimentation to advance the state-of-the-art, provide communication and train operators for emergencies, encourage international cooperation and good will, and offer an important technical educational outlet. "Or, to use a bit of slang, it seems to me that it will be even more important for all segments of the amateur community to 'walk the walk' not just 'talk the talk'," he said.

Hatfield encouraged his audience to explore advanced techniques that conserve spectrum, especially digital techniques. As the rest of the telecommunications world transitions to digital techniques, Hatfield said, "the amateur service will look antiquated if it is not making progress in that direction as well."

Hatfield also said software defined radios could facilitate "a new era of amateur experimentation" and, in many ways, represent "a final merger" of radio communications and computers.

The text of Hatfield's prepared remarks is available on the FCC Web site.

EUROPEAN WORKING GROUP SUPPORTS 5 WPM MORSE STANDARD

The Wireless Institute of Australia's Morse Code Watch reports that the EUROCOM Working Group of radio societies has voted to support the introduction of a 5 WPM Morse code requirement for full HF access. Morse Code Watch predicts that a decision by the European Conference of Postal and Telecommunications Administrations (CEPT) to universally adopt 5 WPM could come within a month. Working Group delegates agreed to support 5 WPM "as an interim measure in recognition that the Morse code requirement is likely to be removed at the ITU World Radicommunication Conference in 2003," Morse Code Watch said.

For more information, click on "Morse code watch" on the WIA home page.

ANTENNA DESIGNER LOUIS VARNEY, G5RV, SK

The Amateur Radio world is mourning the loss of R. Louis Varney, G5RV, who invented the world-famous G5RV antenna. Varney died June 28, at his home in West Sussex. He was 89 and had recently been reported in failing health.

The G5RV multiband wire antenna for HF--typically 102 feet on the flattop section--is among the most popular of all antenna designs. Varney first described the G5RV in the November 1966 issue of the RSGB Bulletin. While models fed with coaxial cable have proliferated, Varney's personal recommendation was to use a balanced feed line and a matching network for bands other than 20 meters. (The G5RV dipole is discussed in Chapter 7 of The ARRL Antenna Book.) Varney had a full-size and a double-size G5RV, both fed with open-wire feeders, at his own station.

Varney was an RSGB member for 74 years, and he served as life president of the Mid-Sussex Amateur Radio Society. His wife Nelida is among his survivors.

LEAGUE CALLS HAM RADIO "FERTILE TESTING GROUND" FOR SDR

The ARRL says that Amateur Radio "is a fertile testing ground" for software defined radio technology and that SDR would be especially valuable to facilitate disaster communications. The League commented this week in response to FCC Notice of Inquiry ET Docket No 00-47 on SDR technology, released in March.

The League said its understanding of SDRs is that they are "in essence, digital computers connected to an antenna, controlled by software." True SDR functions, other than baseband DSP, are yet to be incorporated into commercial or even into sophisticated homemade amateur equipment, the ARRL noted.

The League said that because of its flexibility, utilization of multiple modes, and shared allocations, the Amateur Service provides the proper environment to develop, test and deploy SDR technology. Amateur Radio is not constrained by limitations imposed on other services and "serves as a reasonable paradigm for a regulatory structure that might be adapted to other services," the ARRL told the FCC. The League said it intends to give a "high profile" to SDR developments in the Amateur Service through its technical/experimental publication, QEX.

The ARRL said that SDR affords a level of flexibility and interoperability that could enhance Amateur Radio's performance in emergency communications and disaster relief efforts with respect to served agencies. "Amateur SDR equipment could be rapidly reprogrammed to be interoperable with that of served agencies such as the Red Cross, the Salvation Army, local civil defense offices, state OES offices, and public safety agencies," the League said. The result would be "an even more immediate and adaptable source of restored communications for disaster relief coordination" than previously available.

The ARRL told the FCC that SDRs would obviate the need for differing transmission standards in the future SDRs automatically could shift transmission standards to overcome common communication roadblocks such as noise levels, propagation characteristics, QRM, and other factors.

The League cautioned the FCC against imposing equipment authorization requirements on SDR hardware or software designed for amateur use that could inhibit experimentation.

A copy of the League's comment in response to FCC Notice of Inquiry ET Docket No 00-47 is available on the web.

0GHZ RAINSCATTER RECORD?

On June 17, ARRL First Vice President Joel Harson, W5ZN, and noted VHF-UHFer Al Ward, W5LUA, ompleted a 515 km (321 mile) rainscatter QSO on 10 GHz. The contact could be a record for that mode of ropagation. Details are at http://www.ntms.org. Harrison ays the trick was to keep a sharp eye on the weather adar, looking for very strong, appropriately positioned torm cells. "We have tried this a few times before," Harson reports, adding that the pair once managed a 5.7 GHz rainscatter contact. "This time, everything fell into lace!" Harrison says the longest distance he's aware of or a 10 GHz rainscatter QSO is 240 miles.

MUSEUM MUSINGS

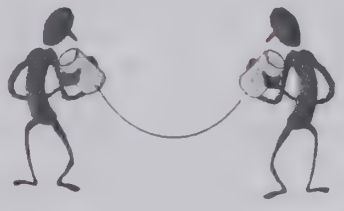
At the recent general meeting the program was a how and Tell presentation by members of something, quipment or procedures, they had originated or which ey found unique and interesting. Many very unique ems were displayed and demonstrated.

Morel (W6LIX) and I (Mac W6NBD could not atnd the meeting) brought some items from the W7OS Dr. pike Memorial Museum which were homemade in earlier ays and given to the museum. A most notable item was e "TNT" (tuned-not-tuned) self-excited oscillator transitter made by Dr. Spike in early 1930's or late 1920's, sing the popular type '45 tube. The power supply was a ll-wave 83 mercury vapor rectifier and standard filter cirit built on an actual bread board.

The fact that an actual bread board was used cred the most interest, because we all have heard about read-board construction. After demonstrating that the rcuit actually oscillated, lighting up a neon bulb and a ashlight bulb with a loop of wire (to the point of burning it ut), we explained that "in our day" one item on an amaur license exam would be to draw the diagram of that or milar type oscillator and power supply. You had to exain what makes it work, follow the electrons around the rcuit, and tell how feedback was obtained. There probay was another sheet in the exam asking the prospective am to draw the diagram of a Zepp antenna, give the diensions for the 80 meter band, and show how you tune and couple it to the above oscillator and still send out a ood, smooth, steady CW signal.

This illustrated the changes in amateur radio over e years discussed in the July BARK in the ARRL secon. In the early years, because they were given the gher "useless" frequencies by big corporations and the overnment, hams were at the leading edge in developing rcuits, antennas, and other technology and exploring se of the Heavyside Layer (ionosphere). Thus hams ad to build their own equipment and the license exams ad to make sure the new hams knew how to construct quipment which would put out a legal signal within the ssigned amateur bands. Most were teenage boys; for example, Morel was 12 1/2 years old and I and Mac were an old 16 and 17 when we got our ham licenses. When the ill-prepared U.S. suddenly was faced with the overwhelming task of building up for W.W.II just after Pearl Harbor hams were the main source of military and civilian personnel for operators, technicians, and engineers who were already self-taught in radio technology (later called "electronics") and CW operating techniques.

Now, big corporations build the equipment, do the research, and communications are via satellites and cellular technology. New hams come from different segments of society and teenage boys reportedly are at their computers or worse. However, amateur radio still offers a chance to communicate around the world without being dependent on any corporation or governmental wires or wireless facilities or power sources, particularly in natural disasters. And that is why our ham bands have not been auctioned off to this point and why we still are allowed to put our own equipment on the air without being type-accepted. We can, if we wish, go back to basics, go back to nature, so to speak, and create proper radio waves almost from scratch. Come up to the Museum some time and give it a try. Or come to Field Day and make your own antennas while you do some jungle fighting, I mean, fighting the jungle.



Mothers and others worried about their kids being victimized or getting into porn or bad language should consider amateur radio where they know everyone is identified, law-abiding, and the language is as pure as in an old Mickey Rooney - Judy Garland movie, almost, and there are no phone bills.

Just encourage enough other teenagers to get on the air so they can talk to each other. And be sure to tell them to watch their language so we old-times won't be embarrassed.

PS Why and how did YOU get into amateur radio and how did it affect your life? Let us know - keep those cards and letters coming.

FAIR 2000



Sign up early to work your favorite shifts at FAIR 2000! Call or e-mail Shirley, N7QHW, during July. The calendar chart will be available at the August club meetings. PLEASE make it easy on the coordinator and sign up early and often! There are 3 shifts a day (10:00 A to 2:00 P, 2:00 P to 6:00 P, and 6:00 P to 10:00 P Sun thru Thurs and to11:00 P Fri and Sat). Fair starts Friday Sept 8 thru Sept 24. Contact me at 253-265-3661 or sundance@harbornet.com. Shirley

MEETING MINUTES

Radio Club of Tacoma
Membership Meeting
June 28, 2000

Meeting commenced at 7:45 PM with the flag salute led by Shirley, N7QHW.

Health and Welfare: Merle Handy, W7QLG, reported as not getting worse. He would still appreciate some calls. There was a general discussion on a letter from the Mossman family about donations.

Discussion on the logo clothing items. There has been minimal response.

Committee Reports: Shirley reported that she had the sign up sheets for the ***Puyallup Fair.*** Roger, WA7ANJ, reported on ***Flea Market*** progress. Less than 90 days to go. Jerry, W7BUN, reported on the program and upcoming ones. This meeting will be a mini flea mart; next meeting, show and tell.

Hints and Kinks: Jeff, KB7QAG, needed some help with a rotator problem.

Tuning and Traffic?: Roger reported that to be safe you had to drive like they did in Mexico.

Adjourned to program at 8:07 PM.

Radio Club of Tacoma
Board Meeting
July 5, 2000

Meeting started at 7:30 PM.

Correspondence: Bank statement, flea market reservations, and some catalogs. Non-profit annual report and fee sent in. Address was input as the P.O. Box, per instructions on the form showing physical address in same city.

Treasurer: Absent.

Old Business: Battery slab not yet poured. Handicapped ramp information received from the state. We are grand fathered in right now so we will not do anything at the present time. Discussion on possible purchase of a new tower and antenna. It was decided to not do so at this time.

New Business: MSP to look into a more centralized location to hold club meetings. This will be brought to the membership for a decision after we have the information. Information on giving a lifetime membership to someone for continuing to make the BARK copies. Ed, KC7OKS, will gather more info on this.

Good of the Order: Discussion on Field Day and how we could get more publicity from it, such as the Federal Way Radio Club did. Also discussion on how to get the club more in the public eye. The Block party is still pending. Should be soon.

Adjourned at 8:30 PM.

TREASURER'S REPORT

June 2000 SUMMARY	
INCOME	
DUES INCOME	$216.95
BOOKS	167.00
BADGE SALES	27.00
COFFEE	18.63
DK @ BEACH DONATIONS	36.40
FIELD DAY BUS	36.79
TOTAL JUNE INCOME	502.77
EXPENSES	
POSTAGE	$33.00
BOOKS	285.00
MAILING LABELS	29.26
BULK MAIL	200.00
RETURNED BARK	4.66
TELEPHONE	76.88
FILING FEE	10.00
BADGE ORDER	66.00
P O BOX RENT	114.00
DK at the Beach	
DK SITE RENTAL	110.00
DK FOOD	111.19
Field Day 2000	
FD PORTA POTTY	98.50
FD FOOD	5.69
FD GAS	56.55
CLUB HOUSE LIGHT BULBS	6.31
WEED EATER REPAIR	10.32
TOTAL JUNE EXPENSES	1217.36
NET LOSS FOR MONTH	(-714.59)



Radio Club Of Tacoma
Membership Meeting
July 12, 2000

Meeting opened at 7:34 PM with the Flag salute led by Ed, KC7OKS. All of those present introduced themselves.

Correspondence: A thank you card to the club and members from Wilma Churchill, for all the well wishes and prayers.

Treasurers Report: In the Bark.

Health and Welfare: Dewey Wilson, oldest HAM in the USA, and a charter member of our club is a Silent Key. He was over 100 years old. Merle, W7QLG, is still wishing calls.

Jerry, W7BUN, reported on how we did at ***Field Day*** ~7 stations, and lots of fun.

Coming Programs: 2 meters on 2 wheels in July.

Program: Show and Tell. Many interesting items were at the meeting.

Committee Reports: Roger, WA7ANJ, still needs workers for the ***Flea Market***. It is our major fund raising event of the year. Please call him to sign up.

bra, KC7JME, has the sign up sheets for the ***Puyallup hir***. Contact her to sign up. This is one of our main exsures to the general public, and a good source of new AMS.

ogrades: Ed, KC7OKS, to General.

ood of the Order: Rich, N7ANF, has an unclaimed rving spoon from Field Day.

an, KB7SVU, announced 2 coming Ham Flea Markets: ugust 19, at Longview, and September 23 at Walla alla.

djourned at 8:45 PM.

I WAS WRONG ABOUT THE FLEA MARKET

... WA7ANJ

The Flea Market is NOT the Radio Club's largest urce of income!

The MEMBERSHIP is! And I'm happy to realize that! e membership is the Club's most important asset. The ub is here because YOU are - not the other way around!

I was looking at the numbers, and the Flea Market DES provide for about 30% of our annual budget reirements, and your annual dues essentially make up e difference! Some of the incidentals that provide additnal income, in varying amounts, are Badge sales, RRL Book sales, Licensing classes, Jacket and Sweat Shirt sales; sales of donated equipment, cash donations members, service fee waivers by members, to name a fw. All of the sales functions are minimum commission ofits.

We know what the expenses are: taxes, insurance, one bills, utilities, and facilities and equipment maintenance - they come with the house - just like yours and ne.

The question that arises annualy is, "Should we hold a ea Market at all?". A lot of clubs around the country ve had to eliminate theirs due to actual cash losses - le participation by members and vendors. The comrcial companies only attend the largest. They're in it profit - the Bottom Line - and we are, too! If we're still ying the bill's, why would we consider closing down? ure, it's a lot of work, and it DOES get hectic sometnes - maybe that should be SOMETIMES it ISN"T hect - but it IS a lot of fun, and the cameraderie that surces each year is great to be part of!

So, to provide the opportunity for you to share in this eat event, let me entice you to volunteer by PROMISG you won't have to do ANYTHING alone! We'll have ined staff on hand to assist you in assiting us. Where o we get this staff? Members that have "done it before". L OF US started out as a first-timer - just like you can o this year!

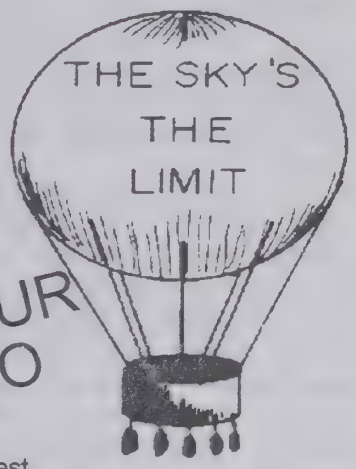
My goal is to have the best Flea Market RCT has ever d! And the growth NEXT year in attendance AND vendrs will amaze us all! Great aspirations, sure - overly timistic? I don't think so. I know the members of this ub, and when we call, they're willing to respond, if they are able to. One obvious point - great plans, can-do attitudes and willingness are all important - BUT - *I can't do it alone*! It Takes teamwork to win, and all we need is a team! We're getting there.

Still need security workers. No, you don't need a badge, you don't need to know martial arts; it simply means presenting the appearance of unity, assuring that customers and vendors are following the rules - which WILL add to our bottom line. Where does it say an Amateur can't act Professionally when representing the Radio Club of Tacoma??

VE Testing, Talk-in (remember, you'll have experienced help!), sign makers, Book Sales, Country Store ...

Remember, you don't have to "do this", we'd be happy if you assist us. (Next year you can "do this" if you'd like - be the "boss"! After only one year! WOW!)

So, call me at 253 475 4293, email RTWIG@worldnet.att.net, or see me at a meeting. I'll be more than happy to help you get in on all the fun and cameraderie! Roger, WA7ANJ



AUGUST CONTESTS

5-6
ARRL UHF Contest
North American QSO Party, CW
Ten-Ten International Net Summer Phone Contest
QRP ARCI Summer Daze SSB Sprint
YO-DX Contest

12-13
Maryland-DC QSO Party
W/VE Island Contest
Worked All Europe DX Contest, CW

19-20
ARRL 10 GHz and Up Cumulative Contest
New Jersey QSO Party
North American QSO Party, phone
SEANET Contest

26-27
TOEC WW Grid Contest, CW
Ohio QSO Party
CQC Summer QRP QSO Party

Want more info, check
www.arrl.org/contests

ARES/RACES

...de Shirley Murphey, N7QHW

As always, remember in times of need to tune into 145.37 repeater and see if anything is happening. If help is needed, please jump in with your call and volunteer to help. Don't wait for the phone to ring, just get on the air and volunteer.

Public Service Events are waning for the year but stay tuned for announcements on the weekly net at 7:00 PM on Tuesdays on 145.37 repeater and remember, VOLUNTEER. Judy LaFleur, N7NII, will be organizing these events this year. Contact her to volunteer or let her know on the weekly net. Reach Judy at 253-847-5198. We always need lots of volunteers so please consider helping. Remember as a member, we feel it is essential that each person participate in at least one event or drill each year.

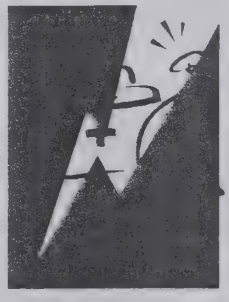
Alan, KB7SVU, needs volunteers to help with making phone calls to schedule volunteers for events as they take place. This is an important job so please consider helping out. Again call Alan at 253-840-4947 to volunteer.

I just received my summer issue of "SKYWARN WEATHER SPOTTER NEWS" published by the National Weather Service in Seattle, WA. Thought the following information was useful to all.

SUMMER SPOTTER REMINDERS

Summer is just around the corner (trust us, it is), which means out warmest and driest time of the year is upon us. Fortunately, our summer weather is usually tranquil. However, every once in a while, significant weather strikes. Early last August is such an example, when we had several days of thunderstorms with frequent lightning.

Our usual significant summer weather events include thunderstorms, winds with marine "pushes", and hot spells. Let's look at each of these.



Thunderstorms produce lightning and potentially strong damaging winds, large hail, heavy amounts of rainfall leading to flash or small stream flooding, funnel clouds and tornadoes. Remember your safety rules. If thunderstorms are in our forecast, be prepared. If a thunderstorm approaches, seek shelter now. Avoid using electrical appliances during the storm. If caught outdoors, find a low spot away from trees or other tall structures that lightning tends to strike.

Report the wind, hail, heavy rain, and tornadic events found on your spotter criteria sheet when safe conditions permit. Report frequent lightning only when it follows a hot, dry period. During cool, damp weather, lightning reports are not necessary.

Our wildfire season usually gets started in July and runs until the fall storm season begins. Large wildfires are usually associated with lightning after an extended period of hot, dry weather. If you notice smoke rising near a lightning strike area, deal 911 and report its location to the nearest fire department. They will quickly respond to the event.

Some thunderstorm events occur when a "marine push" unfolds. A marine push is a surge of cooler marine air from the Pacific Ocean that dramatically cools western Washington down in the wake of a warm or hot weather period. A marine push often brings windy conditions and much cooler air inland. At times, it can also help generate thunderstorms.

Extended periods of hot weather are relatively rare in our area. However, when they do happen, the natives are not used to it and get restless. During these hot weather periods, be sure to drink plenty of water, avoid strenuous activities during the heat of the day, and find cooler locations like shade or an air conditioned building if you find yourself or others beginning to experience heat related symptoms.

So, what's expected for this summer? The National Weather Service Climate Prediction Center's (CPC) latest outlook shows a slight nod toward a warmer and drier summer than normal, from July into September.

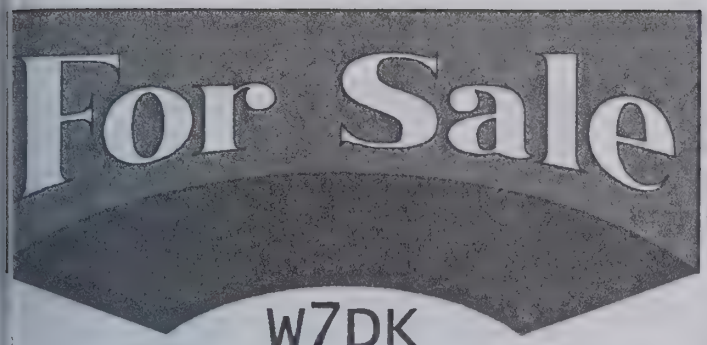
How about beyond this summer? The La Nina event of the past two years is over. The CPC indicates our current fall and winter outlook has near normal precipitation and a slight edge toward warmer than normal temperatures. If you are online, you can monitor the seasonal outlooks from CPC via our web page at www.wrh.noaa.gov/seattle, click on climate information, national climate centers, then follow the Climate Prediction Center links.

Monitor weather forecasts by listening to one of the NOAA Weather Radio stations or visiting out web site If significant weather is fore cast, you'll be ready for it. Enjoy your summer!

Remember to check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Shirley, N7QHW. PLEASE take note that if your DEM card has expired and there is not a current card on file in the DEM office, you WILL BE REMOVED from the list of volunteers. To be eligible again, you simply need to fill out a DEM application. Be sure to turn them in to Shirley, N7QHW so that all of our records are up to date.

Do you want to get involved? Simply contact Alan Hughes, KB7SVU at 253-840-4947 and let him know.

73 Shirley, N7QHW



W7DK Surplus Equipment

W7DK SURPLUS EQUIPMENT

The following is a list of surplus club property that is being disposed of items will be sold by sealed bid. If you are interested in an item you may contact me for more details or arrange to see the item at the club. Items not sold will be collected for sale at our fleamarket in September.

I will begin accepting sealed bids, August 1, 2000, through August 31, 2000. Bids will be awarded at September 6, 2000, board meeting.

ALL ITEMS "AS IS"	MIN. BID OR OFFER
1. HITACHI REEL TO REEL TAPE RECORDER	$ 5.00
2. HEATHKIT T.V. ALIGNMENT GENERATOR.	$ 5.00
3. PRECISION T.V. SIGNAL GENERATOR	$ 5.00
4. JOHNSON MESSENGER C.B.	$ 2.00
5. RADIO SHACK P/S 12V 2.5 AMP	$ 15.00
6. PRECISION T.V. SIGNAL GENERATOR E200C	$ 7.50
7. KENWOOD TR 2400 2METER HT. WITH CHARGER	$ 25.00
8. PRECISION T.V. ALIGNMENT GENERATOR	$ 7.50
9. YEASU FR 208R TRANSCIEVER 2METER HT.	$ 50.00
10. 2 METER SX 2 MOBILE WITH POWER SUPPLY (NEEDS WORK)	$ 25.00
11. MIDLAND C.B. 78-976 BASE /MOBILE	$ 10.00
12. GOLDLINE 1 KW DUMMY LOAD	$ 15.00
13. SHURE DESK MIKE MODEL 440	$ 10.00
14. ASTATIC CRYSTAL MIKE MODEL 332	$ 7.50
15. HEATHKIT AUDIO GENERATOR	$ 10.00
16. PK 88 TNC NEEDS WORK	$ 10.00
17. STOVE TIMER (NEW BUT OLD) IN BOX	$ 2.00
18. MIDLAND 13-505 2 METER 12 CHANNEL CRYSTAL CONT	$ 50.00
19. RCA RF SIGNAL GENERATOR WR50A	$ 10.00
20. EICO SIGNAL TRACER MODEL 147 (2 EA)	$ 10.00
21. REAISTIC SCANNER (PARTS ONLY)	$ 2.00
22. MOTOROLA 2 METER CRYSTAL CONTROLED	$ 25.00
23. ICOM IC-230 WITH MIKE 2 METER 12V MOBILE	$ 50.00
24. HEATHKIT 1KW OIL FILLED DUMMY LOAD	$ 15.00
25. COMPAC PLUS COMPUTER	$ 25.00
26. EICO 950B RES/CAP BRIDGE -DECADE	$ 20.00
27. ISOLATION TRANSFORMER 2.18 AMP115V/115V 300 WATT	$ 10.00
28. BOGEN TUBE TYPE AUDIO AMP 4 CHANNEL 75 WATT	$ 40.00
29. POWER INVERTER 12VDC IN 115VAC OUT	$ 50.00
30. TWO CB'S	$ 20.00
31. GENERAL ELECTRIC 40 CHANNEL MOBILE CB	$ 15.00
32. 2 CHANNEL KENWOOD TK 810 UHF	$ 20.00
33. MOTOROLA MOSTAR	$ 30.00
34. FLUKE DIGITAL VTVM	$ 50.00
35. MARINE 2 METER VHF TRANSCEIVER	$ 50.00
36. MIDLAND CB BASE/MOBILE MODEL 13-895	$ 30.00
37. TUBE TYPE MOTOROLA 2 METER TRANCEIVER (BASE)	$100.00
38. TUBE TYPE MOTOROLA 2 METER MOBILE 12V	$ 50.00
39. DRAKE TR7 STATION COMPLETE EXCEPT LINEAR WITH MANUALS AND BOXES. TRANSCEIVER NEEDS WORK.	$500.00
40. TUBE TYPE MOTOROLA REPEATER	$150.00
41. KAI LINE VOLTAGE STABILIZER 117VAC 1 KVA.	$ 70.00
42. EICO GRID DIP METER .4 TO 250 MC	$ 25.00
43. CW ENCODER WITH KEYBOARD	$ 20.00
44. MC JONES RF POWER/VSWR METER .5 T0 225 MC	$ 30.00

45.	HEATHKIT VTVM	$ 20.00
46.	WESTON 622 AMP METER (PRECISION)	$ 50.00
47.	BK SWEEP/FUNCTION GENERATOR (NEW IN BOX)	$150.00
48.	MODULATION MONITOR MM 901	$ 75.00
49.	EICO VOM (OLD) MODEL 565	$ 20.00
50.	MILITARY SURPLUS CODE MACHINE	$200.00
51.	19 INCH RACK MOUNT CABINET 30 INCHES HIGH	$ 10.00
52.	19 INCH RACK MOUNT FRAME 7 FEET TALL.	$ 20.00

MAIL SEALED BIDS TO: ROGER A. TERWILLIGER
5402 E. 'K' STREET
TACOMA, WA 98404-2615

(PLEASE MARK OUTSIDE OF YOUR ENVELOPE "BID") I WILL NOT OPEN ANY UNTIL SEPT 6, 2000!!

MUSEUM MUSINGS



de Worth, W7WG

Thanks to Mick, KK7QS, and Roger, WA7ANJ, our Radio Club of Tacoma was given an outstanding write-up in the Sunday, April 30, 2000 "Sound Life" section of The News Tribune by Bart Ripp, the well-known, actually famous, restaurant critic for the paper. Maybe Bart heard "Ham" and came for a juicy meal and got only coffee and doughnuts at a Saturday open house. He titled his piece as "Ham fans" with a subtitle "Radio Club of Tacoma has been on the air since 1916, and the magic still hasn't worn off" followed with an excellent picture of Jerry Seligman, W7BUN, talking with Japan on his Collins station. Large color photos taken by a Tribune photographer of Dick Ryan, W7RGD, coming up the back ramp of the club house with the operating room window and base of the tower with all those cables, and a kitchen shot showing Al Churchill, AC7BU, Dick Ryan, and Rich Manson, N7ANF, (feeding a doughnut to his doggy KC). Bart Ripp didn't give any 5-star rating to the doughnuts!

After an excellent outsider's explanation of amateur radio and its historical origins and its present function, not only as a hobby, but as emergency and community service communications, the article related very interesting episodes in the history of our club. For example: "Dick Ryan, member of the Radio Club since 1952 [and Club Historian] said that six years after he joined, the Club bought the modest frame house off South Washington Street [present location] for $4000 and converted it to function also as a studio, museum and school..." "The museum has ancient radios with walnut cases and names such as Atwater Kent and Murdock, flimsy-looking crystal receivers, transmitters and condensers and more telegraph keys than you have ever seen.

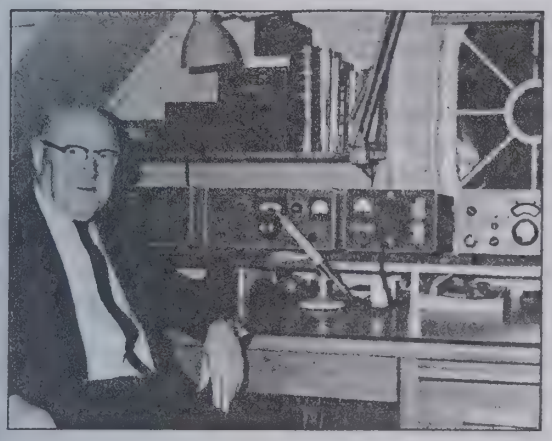
"One radio is a 1916 Pathfinder that Ryan's dad Harry Ryan played in his Hilltop Cafe at 11th and South K Streets. 'It was the first radio on K Street,' Ryan said."... "Ryan recalled Gene Dodge, W7BTV, a Tacoma policeman [actually in communications] who introduced him to ham radio. Ryan was impressed that Dodge could talk on a car radio like a telephone. The year was, Ryan said, '19 and 52'. Dodge, he said, 'is a silent key now.'"

After giving an account of several DX contacts at Jerry, W7BUN's, station, Bart Ripp went on to say, "Jerry got started in radio in 1947 when an uncle, gloriously named Sylvan Seligman, a Navy ensign during WW II, won a shortwave receiver in a poker game. Uncle Sylvan gave the radio to Jerry. 'I hooked it up at home in Amarillo,' Seligman said, 'and I heard a guy in New York talking to a guy in France about fixing a car radiator. I thought it was fascinating. You can talk about anything you want. The whole world is out there, waiting to hear you'"

The article devoted two half-columns to telling in detail about Doc Spike and his being a founder of the Radio Club of Tacoma in 1916 and his life-long devotion to the Club and its members. It gave the details about his life that was in last month's Bark and a bit more. There was a box entitled "Watts Up: Radio Lingo" which did a generally good job of explaining 25 ham terms such as XYL, Old man, Lid, Boat Anchor, and much more. A copy of this article is posted in the Club; it is well worth reading! The only error was in saying the club meetings are on second and fourth Tuesday instead of Wednesday. A letter in response written by Mick KK7QS, and signed by our president, was hand delivered to the Tribune's main office. A copy is shown below.

The second page is next to a movie ad for "Frequency". I showed it to my xyl, who remarked, "That is all Hollywood thinks about." And I said, "No, no, it has something to do with amateur radio, not sex!"

Editor's Note: Thanks, Worth, for this great article summarizing the Sound Life article by Bart Ripp. I will look forward to reading the posted article. Worth also included the thank you letter sent by RCT to the Tacoma News Tribune. As this month's BARK is "fully packed", I have not included it here.



HONORARY RCT MEMBER DEWEY WILSON, W7HF, SILENT KEY AT 103

Dewey Wilson, W7HF, reportedly the oldest licensed ham in the U.S., became a Silent Key July 9th at age 103 in Aberdeen, Wash. Dewey joined the Radio Club of Tacoma in 1948, and was later elected an Honorary Life Member in 1972. He became interested in Amateur Radio at age 12 and received his first license in 1912. Before receiving the call sign W7HF, he held early calls of 7GW and CKZ. Dewey owned property on Hood Canal near Union, and in the 1960s the Radio Club held potluck picnics at his house every summer and club members picked unlimited numbers of delicious Hood Canal oysters from his beach

MERLE HANDY, W7QLG, SK

Merle Handy, W7QLG, became a Silent Key, 22 July 2000. .He will be missed.
Roger, WA7ANJ, and Jerry, W7BUN

HEALTH & WELFARE

2July 2000 Good day to all:

Here is a progress report on Joanne: The last bone scan showed no spreading of the cancer, but it did show t at arthritis has affected her spine and hips. She will be wheel chair bound; motor-driven I hope.

At one point she had lost the use of her left lung. The radiation has caused the tumor to shrink enough so that se is regaining the use of the left lung. When last measured, it was at the 50% level. Her throat had become sore ce to the lung shrinking and pushing the esophagus aside and shrinking it also. Eating was a problem that is now slved. She is back to her usual diet and eating well. Her strength is up and her energy level is up as well.

I think we have turned the corner on this thing, which could not have been done without the prayers of all involved.

Thank you all so very much.

Vgil & Joanne

F: e-mail address change; k7vp@worldspy.com is no longer valid. k7vp@juno.com is the new one. The others, kvp@hotmail and k7vp@arrl.net are still valid.

Sunday, July 9th, 2000

Good news again this week. Joanne is eating much better and we have halted the weight loss. I have been coking her favorite dishes and her throat is no longer sore, so she can enjoy the food with a vengeance. Her powered wheel chair will be up and going this week. The next step is getting a lift put in the van. The radiation treatments will be completed on Thursday, but it will be 6 weeks before we can find out how well we did.

The many prayers that were offered for us has to have had an effect. God's infinite mercy is showered on us for h own purpose and for that we are every so grateful.

A most sincere thanks to all.

Vgil & Joanne Pattin

(d Note:Thanks, Frank, for passing on this news. PTL!)

AREA SWAP MEETS

...and in the year 2000...

5-6 Aug Spokane, WA
19 Aug Longview, WA
Sept. 9th - Radio Club of Tacoma Flea Market at Pierce County Fair Grounds
23 Sep Walla Walla, WA
1 Oct Chehalis, WA
14 Oct Bremerton, WA
1-3 Jun 2001 SEAPAC Seaside, OR

SCHEDULE YOUR SWAPMEET VISIT

ELMER BOARD

Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members area their areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment

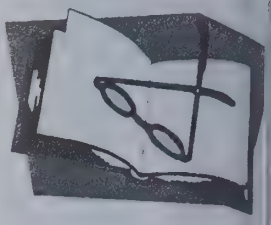
Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Frank, AB7YZ	253-752-8520	2,3
Roger, WA7ANJ	253-475-4293	1,2,3,4,7,8,11

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the board!

(Ed. Note – We need more volunteers on the elmer board. Please add your name to the list!)

Amateur Radio Exams

in the Puget Sound Region as of November, 1999



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Thursday - 7:00 PM, **Bonney Lake** Library,18501 90th St East – Contact Roxann Holwege, AB7HO, at 253-862-8905

2nd Tuesday - 7:00 PM - Radio Club of* Tacoma *Clu house, 1249 S. Washington St. - Contact Shirle Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Conta Jim Elliot, AA7OM, 360-456-5571, Olympia

2nd Saturday - 10 AM - **Tukwila** - Denny's Restaurant, # 13100 48th So., Contact Mary Lewis, W7QGP, 206-52 9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Ha 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-077 Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 72 Tobin Street - Contact Jan VanAllen, K7YH, in Kent, 206-824-9039.

3rd Saturday - every 4th month - 9:30 AM - **Montesan** High School - Pearsall Center, 2109 Sumner Ave. Co tact Nick Bender, NX7W, 360-249-4671, Montesano

3rd Saturday - 10 AM - **Shelton** - Shelton Airport - Contact - Dick Bostrom, N7LD, 360-426-4627, Shelton

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Ce ter, 6400 36th Ave. West - Contact Dwayne Broderso KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Conta Jim Elliot, AA7OM, 360-456-5571, Olympia

4th Saturday - 10 AM - **Everett** - Everett Housing Autho ity - 14th and Popular - Contact Loren Hole, KK7M, 42 335-5158, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Tec nical Bldg, Olympic College - Contact Walt Winter AA7TL, 360-692-8326, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 123(80th Ave East, Puyallup, WA 98373 - 253-845-7652



EDITOR'S NOTES

kathleen@naceplace.com



Greetings from Maine! Those of you who didn't give up on the APRS experiment may have followed us here after more than a week of staying by Lake Coeur d'Alene. There was NO coverage on 2 meters once we started over the mountains in ID til we got to IL. We spent 3 days in Rapid City enjoying a little R&R and the fireworks at Mt. Rushmore. In WI we visited 'The House on the Rock'. It is very interesting architecturally and, for a collector, an incredible spot! Then it was on eastward, stopping in Albany, NY and southern NH to visit friends before arriving in Maine the day before my dad's 86th birthday. We stayed in my brother's driveway for a week and are now at Cedar Haven Campground enjoying full hookups and campfires and mosquitoes! We will leave here Sat. (29th) for Rockland to attend 2 rallies that will be happening there. We will also visit my parents more, since that is where they live. On August 4th we will move back to my brother's in Freeport to wait for the convention start on the 14th. We should be headed west again on August 22nd or 23rd.

Roger is continuing to work on the APRS (Automatic Position Reporting System) setup. We have gotten some new info. on HF packet and APRS since we have been here and will be trying to get that working so that we can be active all the way back on the return trip. I hear it is fun to watch us in motion... Check it out at `http://map.findu.com/k8rn` Let us know via e-mail if you can track us and any other comments.



Don't forget to sign up for **FAIR 2000** and the **Flea Market**. Lots of help is need to make both of these important events successful! The summer will soon be gone... See you in September.

73, Kathleen



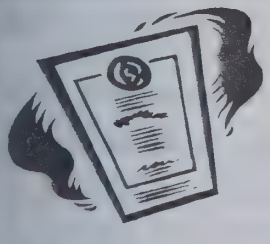
RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.

SIZES Small through XL ARE $39, XXL ARE $46 AND XXXL ARE $52.00.

GET ONE NOW!

Call Shirley, N7QHW, at 253-265-3661, to order yours today!



FIRST CONTACT AWARD

Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First Contact Award will be issued.

ARRL MEMBERSHIP

If you haven't joined or rejoined the ARRL, please do so through the Radio Club of Tacoma! The ARRL is the major voice for Amateur Radio in the US and, besides providing a wealth of information to its members, they provide us with a voice in Washington to help protect the interests of all amateurs. Additionally, RCT is an ARRL Special Service Club and RCT needs to have at least 51% of its members belong to the ARRL to retain its Special Service Club status. See the Treasurer for application forms, and bring your ARRL renewal notices and rejoin through the club. The club receives a commission for each new or renewed membership sent through the club.

JOIN TODAY!

See our club treasurer for details.



RADIO CLUB OF TACOMA-W7DK

ELECTRONICS FLEAMARKET

SATURDAY SEPTEMBER 9, 2000

Admission $5 (16 and under FREE with an adult)

Hey! IT'S A GREAT LOCATION! PEACEFUL & RELAXING COUNTRY ATMOSPHERE. COME JOIN US!

FRONTIER PARK(Pierce County Fair Grounds)
21718 Meridian Ave, E.
Graham, Wa 98338-8051
Open 9 AM to 3 PM

DOOR PRIZES!

2- Alinco DJ195T 2m HT's
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And Many More Prizes!

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ALINCO DX-70TH
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0nSite Dry Camping $7
with Power $10
FREE Showers for Campers
Picnic Area
Park Setting Among Trees
Family Activities-Horse Shoes etc..

For More Info Call:
Frank KC7YEF (253-445-6193)
Hamtalker@AOL.com
or visit us at:
www.w7dk.org

HAM GEAR
COMMERCIAL DISPLAYS
COMPUTERS & ELECTONIC EQUIPMENT
COUNTRY STORE AVAILABLE FOR CONSIGNMENT SALES
SNACK BAR

License Examinations Will Be Available at the Flea Market@ 10 AM

From I-5 N. or S., take exit 127 to SR-512 E. Go 8.6 mi to SR-161 (Meridian) Right turn. Go South 7 miles to Frontier Park on your right. Watch for our signs!

Multiple Buildings
LOTS OF FREE PARKING

Setup- Friday 4-9 PM & Sat 6-8:30 AM

All reservations are first come first served. No reservations will be taken after Sept. 1st. Tables will be available on site.

TALK-IN on 147.38 + pl 103.5
Simplex 146.58

RETURN THIS PORTION FOR TABLE RESERVATIONS ONLY

Make Checks Payable to RCT
Mail to: RADIO CLUB OF TACOMA
BOX 11188
TACOMA, WA 98411

Need Power
__
__

Name_____
Call_____
Address_____
City_____
State/Zip_____
Phone_____

#	DESCRIPTION	$
	Non- Commercial Tables@ $20 each Includes One Seller Admission	
	Helper Admissions@ $5 each We reserve the right to limit number of helpers	
	Commercial Tables@ $30 each w/two helper admissions	
	TOTAL AMOUNT ENCLOSED	

SEP 2000

E LOGGER'S BARK
Rdio Club of Tacoma, Inc.
. Box 11188
coma, WA 98411

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PERMIT NO. 1078

RTURN SERVICE REQUESTED



COMING EVENTS



EP 6 - **Board Meeting - Clubhouse, 7:30 PM** - All members welcome.

EP 8 - **FAIR 2000 -** Today thru Sep 24 Sign up now!

EP 9 - **FLEAMARKET -** also License Exams - Pierce Co. Fairgrounds
Pinochle Potluck - 7 PM - Clubhouse

EP 12 - **License Exams** - 7 PM - Clubhouse

EP 13 - **Club Meeting -** Library Administration Center, 7:30 PM
Program: INTERNET RADIO LINKING PROJECT (ILRP) - Pete Policani, K7PP

EP 15 - BARK deadline

EP 27 - **Club Meeting -** Library Administration Center, 7:30 PM
Program: DXPEDITION TO ST. BRANDON ISLAND

Support OUR club - Attend meetings, volunteer, elmer.
Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
See page 3 for meeting program schedule. Check the weekly net for updates to the program schedule.

Do the FAIR and Fleamarket

Volunteer today!

September 2000

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 *JAMES WA7DWG  SEPTEMBER AND FALLING LEAVES	2  9:00 AM OPEN HOUSE 7:00 PM PINOCHLE POTLUCK *STUART W7OQQ
3 *DAVE K7LHB	4 *LES KA7MYU	5 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R *JAMES N7WGN *TOM W7PK	6 7:30 PM RCT BOARD MTG	7	8 *JUDY AJ7R RCT BOOTH AT WWA FAIR  RCT FLEAMARKET SETUP-CALLING ALL HANDS	9  9:00 AM OPEN HOUSE RCT BOOTH AT WWA FAIR  RCT FLEAMARKET–ANNUAL FUNDRAISER
10 RCT BOOTH AT WWA FAIR	11 RCT BOOTH AT WWA FAIR	12 7:00 PM ARES NET 145.37R 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R RCT BOOTH AT WWA FAIR	13 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD *RAY KD7CZS RCT BOOTH AT WWA FAIR	14 RCT BOOTH AT WWA FAIR	15  BARK DEADLINE IS THE 15TH RCT BOOTH AT WWA FAIR	16  9:00 AM OPEN HOUSE RCT BOOTH AT WWA FAIR
17 RCT BOOTH AT WWA FAIR	18 *DON KD7DOR *WORTH W7WG RCT BOOTH AT WWA FAIR	19 7:00 PM ARES NET 145.37R 7:00 PM MVWS LICENSE EXAMS 7:30 PM RCT NET 147.28R *OWEN WA7JZM RCT BOOTH AT WWA FAIR	20 *ERIC WA7WAL RCT BOOTH AT WWA FAIR	21 *GARY N7GWC RCT BOOTH AT WWA FAIR	22 *CHUCK N7ETC  AUTUMN BEGINS RCT BOOTH AT WWA FAIR	23  9:00 AM OPEN HOUSE *ROBERT KC7KRH RCT BOOTH AT WWA FAIR
24 RCT BOOTH AT WWA FAIR	25 *BOB KG7SM *CHRISTINA KC7WZC	26 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R *BUD KC7AVT *FRANK KC7CQW	27 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD	28 *LORNA KB7YTJ	29 *AL K7HW *JOHN WB7ARK	30  9:00 AM OPEN HOUSE

August 2000

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

October 2000

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

* HAPPY BIRTHDAY

THE KADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

OL. XXXVII NR. 9 | W7DK | SEPTEMBER 2000

FROM THE PRESIDENT

s I promised - on with our trip to Germany. We spent ie day going to Denmark. We left the island at Puttgar- n by a very large ferry that had two decks, one level for rs and the other for trucks and trains. There are six fer- s running, so the wait is very short. The trip takes about min. during which time you can buy items at the duty e shop or play the slot machines. We took a side trip to e two of the villages where Tressie's relatives lived. We ade it into Copenhagen about noon and were able to d a parking space right in the heart of the old city or urist area. After a quick lunch we went though the Tus- ud wax museum and then went on a bus tour of the y. It was fantastic to see buildings that are still standing at were built in the 1300s to the 1700s. It was over- elming to stand there and think of all the history that s happened there. The buildings are very ornate with s of sculptures. The bus tour is the best way to see the y as you can get off at any of the sights and then get on nother bus. It also has an audio tape in 5 different lan- iages that tells about the different sites. One of the ops is at the "Little Mermaid" statue in the harbor. The le was out so Tressie and I had our picture taken next to the statue. We got back to our rooms about 11 PM, very tired after a long day.

On Saturday I found a relative, Klaus Osterkamp. He is the mayor of the west 1/3 of the island. He had lived in the US for a time so he spoke very good English. He was very interested in genealogy and made phone calls to help us get more info. On Sunday he took us to see his great aunt, Gerda Plath. She had a chart of her genealogy from WW2 when Hitler made all Germans trace their roots back to the 1800. She did not speak English so Klaus was our interruptor. She took us to lunch at a fish restaurant at the harbor. Sunday evening Klaus had us come to his office to meet with a local reporter for the "Fehmarnsches Tageblatt" which is the island's paper. We made the front page of the paper. A copy was sent to us, which we had to translate.

On Monday we left the island for Hamburg reaching our hotel about 10 AM. What really helped me get to the hotel and the airport was my GPS that I took. I did not have to look for street names just follow the arrow on the GPS. After checking in and dropping of our luggage, we headed to the old part of Hamburg. After finding a parking garage we hit the streets walking to all the different sites we wanted to visit. Hamburg is a fantastic city with lots of neat old building and shops. Again it was overwhelming to think of all the history that has happened there.

On Monday morning we headed to the airport and home. I was sad to have to leave so soon. I would have liked to stay longer. Oh well, maybe next time.

If you would like to read about our trip in more details with pictures, please go to the following web site: www.fehmarn-genealogy.com/our_2000_trip_to_fehmarn.htm

73, Alan

IN THIS ISSUE...

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▶ **ARRL NEWS** - Page 10

▶ **CONTEST CALENDAR** - Page 7

▶ **MINUTES** - Page 6

▶ **MUSEUM MUSINGS** - Back next month

FAIR 2000

RADIO CLUB OF TACOMA -- 1999

PRESIDENT	ALAN HUGHES	KB7SVU	840-4947
V PRESIDENT	MOREL GUYOT	W6LIX	838-5433
SECRETARY	ED ROOT	KC7OKS	851-7463
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BOARD (5)	AL BURLESON	K7HW	474-9023
	WORTH GURLEY	W7WG	582-3844
	RICH MANSON	N7ANF	474-8883
	GEORGE NOBLE	KK7FM	756-1127
	AL CHURCHILL	AC7BU	847-3215
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	ROGER NACE	K8RN	209-5624
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	JERRY SELIGMAN	W7BUN	845-7652
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COMPOSITOR	KATHLEEN NACE	NØEYK	209-5624
PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call a club officer to pass on the word to the appropriate person(s).

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.28 / .88 MHz **144.97 - Packet**
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Reinstatements

Address/Phone Changes/Corrections

Harry E Ball, W7HHP
Correct street address is 7703 Zircon Dr SW
Everything else is the same

Karl Grote, KC7PAI
Correct street address is 5824 S Oakes St
Everything else is the same

Frank Palmer, KC7YEF
3817 169th Street CT E
Tacoma, WA 98446-2928
253-539-7772

E-Mail Address Changes/Additions

New Calls/Upgrades

Silent Keys

Rex Hays, W7NP

Radio Club of Tacoma License Exams

AUGUST 8, 2000

7 PM RCT Clubhouse
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.65. For information call: Shirley Murphy, N7QHW @ 253-265-3661

Fee as of Jan. 2000 – $6.65

ADDRESS CHANGES

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to Shirley, N7QHW, @ 253-265-3661.

COMING PROGRAMS AT RCT

EPTEMBER 13TH - INTERNET RADIO LINKING PROJECT (ILRP) - Pete Policani, K7PP, will present the details of new operating mode to be activated on the K7PP repeater system in September. ILRP allows audio to be sent over ıe Internet. The local repeater connects a VHF/UHF radio into the Internet and allows the user to contact more than 5 repeaters worldwide. There have been other similar schemes in the past, but they all had serious drawbacks. Pete an Amateur Extra Class licensee and has been licensed since 1959. He started out as an engineer for KMO radio Tacoma, worked at Boeing Flight Test, and recently retired from Motorola.

EPTEMBER 27TH - DXPEDITION TO ST. BRANDON ISLAND (3B7RF) - A group of Swiss-led hams traveled to St. randon (Cargados Islands) in May 1998. St. Brandon is part of the Republic of Mauritius in the Indian Ocean and as number 17 on the most-wanted list of DXCC entities. Fifteen operators from Switzerland, the US, Japan, and Is-ıel are highlighted in this 38-minute video.

CTOBER - TO BE ANNOUNCED

OVEMBER - PSK-31 (A NEW DIGITAL MODE)
Al Haynes (United Airlines Pilot)



AMATEUR RADIO
Friendships around the world!

FAIR 2000 FLEA MARKET

Sign up today to help make these 2 events successful. Neither can happen without YOU!

RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.
SIZES Small through XL ARE $39, XXL ARE $46 AND XXXL ARE $52.00.
GET ONE NOW!
Call Shirley, N7QHW, at 253-265-3661, to order yours today!

ARRL MEMBERSHIP

If you haven't joined or rejoined the ARRL, please do so through the Radio Club of Tacoma! The ARRL is the major voice for Amateur Radio in the US and, besides providing a wealth of information to its members. they provide us with a voice in Washington to help protect the interests of all amateurs. Additionally, RCT is an ARRL Special Service Club and RCT needs to have at least 51% of its members belong to the ARRL to retain its Special Service Club status. See the Treasurer for application forms, and bring your ARRL renewal notices and rejoin through the club. The club receives a commission for each new or renewed membership sent through the club.

JOIN TODAY!
See our club treasurer for details.



ARES/RACES

...de Shirley Murphey, N7QHW

As always, remember in times of need to tune into 145.37 repeater and see if anything is happening. If help is needed, please jump in with your call and volunteer to help. Don't wait for the phone to ring, just get on the air and volunteer.

Public Service Events are waning for the year but stay tuned for announcements on the weekly net at 7:00 PM on Tuesdays on 145.37 repeater and remember, VOLUNTEER. Judy LaFleur, N7NII, will be organizing these events this year. Contact her to volunteer or let her know on the weekly net. Reach Judy at 253-847-5198. We always need lots of volunteers so please consider helping. Remember as a member, we feel it is essential that each person participate in at least one event or drill each year.

Alan, KB7SVU, needs volunteers to help with making phone calls to schedule volunteers for events as they take place. This is an important job so please consider helping out. Again call Alan at 253-840-4947 to volunteer.

PERSONAL PREPAREDNESS FOR EMERGENCY RESPONDERS

By Jerry Boyd, KG6LF, Chief of Police
Director of Emergency Preparedness
City of Martinez, California

Natural and human caused calamities which require an Amateur radio response continue to occur on a frequent basis across the nation and around the world. Several (wildfires in the west and hurricanes along the Gulf and Atlantic seaboards) are unfolding even as this article is being written. The proliferation of cellular telephones, and, increasing sophistication of public safety communication systems not withstanding, it is clear Amateur Radio will have roles to play in emergency communications for years to come.



No one incident in recent history supports that contention more than the tragic bombing of the federal building in Oklahoma City, in early 1995. Though public safety resources responded in great numbers from throughout the United States, accompanied by large quantities of sophisticated communications equipment, Amateur Radio operators were still relied upon for a period of several weeks to provide overall communications support. It is, doubtless, our flexibility in terms of frequencies and modes of communications which speaks against our obsolescence as an emergency communications resource. Our use of such new technology as the Automated Packet Reporting System (APRS) linked by many users to the Global Positioning Satellite System (GPS) makes us an attractive support communications entity.

Much has been written over the years about the need for and desirability of amateurs serving as emergency communicators. Even more has been written concerning the various approaches to establishing agreements and good working relationships with our clients, the types of training we need to ensure success, and how we ought to attire and comport ourselves when responding. Personal experience, along with the input of many other amateurs who have been front-line responders indicate, however, that we do not always perform well in terms of preparing ourselves to overcome the rigors of the events we respond to. The purpose of this article is to address that deficiency, discussing a personal preparedness system that will see us through our response, minimize the wear-and-tear on us as human beings, contribute to a better overall operation, and hasten our full recovery from the effects of a tragic incident.

Personal Preparedness

Certainly, none of us can predict exactly where or when the next calamity will occur, what type it will be, whether we will be called to serve, and if so, for how long and under what conditions. How then do we prepare personally to meet the unknown challenges which lie ahead. Public safety professionals are taught that certain "lifestyle approaches" will significantly benefit them in terms of alertness, stamina and tolerance for less than ideal working conditions, regardless of the type. I believe we can learn from them. Consistent proper diet, regular aerobic exercise such as walking or bicycling, and an adequate amount of sleep on a daily basis, are important steps we can all take to prepare for those hours or even days when normality is interrupted by catastrophe.

In addition to physical preparation, the need exists to prepare psychologically for what we may one day face. Participating in realistic training exercises which utilize actual video footage of the carnage one may expect to see in real life is one means of thus preparing. Talking about one's reactions to what is seen with a post-traumatic stress counselor in a small group setting with other responders is good "pre-event therapy;" and, by the way, participating in post-event counseling following a response to a real time incident makes very good sense as well. Realizing that your reactions to terrible, unsettling, and often violent events are "normal" is very helpful both in preparing for and dealing with tragedies at the time and after the fact

Response Kits

It is becoming very common for amateurs to respond to major calamities far from their residences and normal base of operations. In such responses, there is no fall-back to the comforts of home until one's participation is complete. While the Salvation Army, Red Cross and

cal residents who want to be helpful will readily supply mergency workers (including amateurs) with some hygiic necessities, the wait for these to arrive can often be ncomfortable. A small backpack-sized response kit alays at the ready and carried along when responding will ake a big difference in terms of the responder's comrt.

What should a good, relatively small, light weight sponse kit contain? Certainly, properly designed, it can arry the transceivers, batteries, cables, earphones, miophones, etc., which are the "tools of our response." hat component, however, is grist for an article on anher day. What it must also contain are items designed r our physical survival and personal comfort.

ersonal Survival Kit

Disaster preparedness experts advocate a 72-our supply of food, water and medicine, on the theory roven correct) that it may take up to three days to transrt such essentials into a stricken area. For disaster serce workers, such as ARES personnel, a one-day (three ays is advised by Pierce County Department of Emergency Management) supply of food and water will suffice. mergency responders will be the first to be provided acss to water and food stuffs based upon the fact that mergency responders must be "fueled" if they are to cably assist victims. A one-day supply of water (in easy carry/use U.S. Coast Guard-approved packets) along th a one-day ration of high energy, high fiber food bars, an easy to wear "fanny pack" is a good idea. Both are ailable at marine supply outlets, mountaineering and ckpacking stores, and at some drug and hardware ores. Prescription medicine needed should be carried an amount sufficient for one week. Remember, even if u have a prescription with you there may not be a pharacy open to fill it. Other "medicines" such as aspirin, ntacid tablets and protective lotions such as sunscreen d insect repellent should also be carried. Some cash d coins need to be included. Don't count on open nks or functioning ATM machines to convert your lastic" into spendable cash. Proper identification, inuding your Amateur Radio license and ARES (for erce County, this would be your DEM card) card should e carried along with a list of important telephone numrs to refer to when calling your employer or relatives to date them on your status and determine theirs. Hygene is important and a toothbrush, toothpaste, comb, ampoo, antiperspirant, and chemical hand wipes ould be carried. A flashlight or chemical light stick and portable AM/FM radio are important, as are extra batteries for them. Extra clothing (including a light jacket, even in the summertime) and some type of head covering are likewise important.

Convenient carrying of the items which comprise your personal survival kit is as important as the contents. In addition to your survival kit you will likely have radio equipment, spare batteries, power cables, an external antenna, and maybe even a computer and TNC to carry in a briefcase or a duffel bag. The ability to strap your survival kit around your waist (in a large fanny pack) or to carry it in a backpack should not be overlooked. The relatively small backpack shown in the photo is large enough to carry every item needed in a personal survival kit, including extra clothing, and deserves your consideration.

Finally, the issue of accessibility of your personal survival kit. It needs to be close at hand at all times, since if it is in one location and you are far removed in another, it does you no good at all. If you travel by motor vehicle most of the time, keep it in the vehicle. If you have a locker at work or school, that may be a good place to store such a kit. And, when you are at home, keep it where you will see it when you rush out the door in route to whatever emergency summons you. Like the commercial for a well known credit card says "Don't leave home without it."

(Note: The author and his wife, Jay KN6BP, are co-authors of When the Big One Hits...A Survival Guide for Amateur Radio Operators, published by World Radio Books, 1993.)

Remember to check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Shirley, N7QHW. PLEASE take note that if your DEM card has expired and there is not a current card on file in the DEM office, you WILL BE REMOVED from the list of volunteers. To be eligible again, you simply need to fill out a DEM application. Be sure to turn them in to Shirley, N7QHW so that all of our records are up to date. By the end of August, all persons with expired Department of Emergency Management Cards will be removed from the list. You are more than welcome to become a member again by requesting an application and sending it to Shirley, N7QHW.

Do you want to get involved? Simply contact Alan Hughes, KB7SVU at 253-840-4947 and let him know.

73 Shirley, N7QHW

ON THE WEB www.w7dk.org Come see us!



MEETING MINUTES

Radio Club of Tacoma
General Membership Meeting
26 July 2000

The meeting was called to order at 7:30 PM by the Vice President Morel Guyot, W6LIX. The flag salute was led by Lou, KB7WDB, and the introduction of everyone attending followed.

Program: Bicycle Mobile Setup: Marcie Stillwell, KC7DAT, from Poulsbo showed her bicycle that was equipped with ham radio, antenna and battery. She has put 7,000 miles commuting and participating in the Seattle to Portland Bicycle Race.

Committee Reports:

ARRL: ARRL has approved an education program to be presented in schools. It is also putting together a committee to help radio operators who are having a problem putting up antennas in their area.

Classes: There will be a class for Tech held at the Clubhouse on the first weekend of October. Also in October Jerry, W7BUN, will hold a class for General if enough people sign up.

The meeting adjourned at 8:15 PM.

Respectfully submitted,
Nora A. Simmons, KC7JME

Radio Club of Tacoma
Board Meeting
August 2, 2000

The meeting was called to order by Alan Hughes, KB7SVU, at 7:30 PM.

The secretary was excused from the meeting.

Under old buessnes Jerry W7BUN asked if the secretary was sending thank you notes to the speakers and a thank you to Laymays for the field day site. It is being done.

Jerry ask if there is a complete list of what is in the lock up. There is not at this time but the new custodian will make one. Also it was discussed about loaning items to club members.

New Business:

Security of the club house was decused doors have been left unlocked. Please make sure to double check the doors when leaving.

Jerr,y W7BUN, asked about photos of club members for the club history. It was decided to find someone to take photos and to ask if members have a photo that they can give the club.

Jerry asked if he could rewrite the Tuesday night net preamble. It was OK

Jerry thanked Rich Manson, N7ANF, for the flowers he planted at the club house. He was given applause.

Jerry asked about having a raffle at the meetings. Al, K7HW, moved to have $100 seed money for the raffle. That we have a raffle at all meetings with gift certificates from Radio Depot. Seconded and passed.

Jerry asked about having a greeter at the meetings. The President will find someone.

Jerry asked about our web site. The site has mistakes and our web master is gone and can not be reached. The President will ask Bob Crouch, KG7SM, to put the old site back on.

Flea market chairman asked for $1500.00 for door prizes Chuck Souter, KA7HJN, moved to advance $1500.00 to the flea market. Seconded and passed.

Meeting over at 8:45 PM

Alan Hughes

TREASURER'S REPORT

July 2000 SUMMARY

INCOME

DUES INCOME 30.00
DONATION 100.00
TOTAL JULY INCOME 130.00

EXPENSES

EVENTS 33.60
BOOKS 112.50
OFFICE SUPPLIES 18.89
FIELD DAY 246.21
TOTAL JULY EXPENSES 411.20

NET LOSS FOR MONTH -281.20

The Field Day expenses include $245 for filters purchased for the event. These items can and will be used for years to come...

Radio Club of Tacoma
Membership Meeting
9 August 2000

Meeting opened at 7:30 PM with the flag salute led by Jerry, W7BUN. Introductions were made around the room.

Upgrades: None reported.

Illness or Silent Key: Eve Anderson, WB7QNS, had several strokes, but is doing well. Wade Palmer, WA7OHG, has some swelling in his ankles and has to rest. Lynn Goodwin's, WA7HII, father passed away. Former member Bob Tilley was in a motorcycle accident.

Correspondence: Bills and several Flea Market reservations.

Treasurer: Published in the BARK

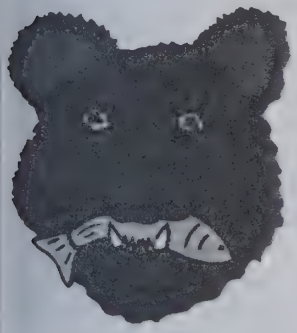
Upcoming programs: Next meeting, all about QSL cards. September meeting: program by K7PP, about his extensive repeater system and some upcoming changes. November: Program by Al Haines on his commercial aircraf accident and the role communications played in it.

Program: Presented by K7OSK. Told about the big Hamfest at Dayton and the large swapmeet there. Showed a video of it.

Training: Classes will start in October.

Flea Market: Going well. More help needed, please step forward. Some new ideas are being tried this year.

Good of the Order: We need a new person to do the "Sunshine". Send cards, ect. We are planning on having a raffle at the meetings. You must be present to win. All attendee tickets will be held and a big prize given at the end of the year. The more you attend the better your chances. A discussion was held on how to make the meetings more interesting and get people out to attend them.
Membership Certificates were presented, and badges given out. Very few people were there to get them. We will have them at 2 more meetings. Then they will be sent out. If possible please come and get them there and save us the cost of mailing them.
Adjourned at 8:50 PM.
Respectfully submitted,
Ed Root, KC7OKS, Secretary



SALMON RUN

WESTERN WASHINGTON DX CLUB'S SALMON RUN SLATED FOR SEPTEMBER

The object of the contest is for stations outside of Washington work as many Washington stations in as many Washington counties as possible. Stations in Washington work anyone in as many states, Canadian call areas, and DX countries as possible.

The contest is held in the third weekend of September. This year, the contest will take place 1600Z Saturday September 16 thru 0700Z Sunday September 17 and 1600Z thru 2400Z Sunday September 17, 2000. 23 hours total - all operators may operate all hours of the contest.

For more information visit the WWDXC Web site at http://www.wwdxc.org/salmonrun/

FOR SALE

Rohn 25G Center Tower Section $35 or best offer

Satellite Dish Channel Master 36 inch, Fixed position Roof Mount with Support and Cables $100 or best offer

Contact Chuck Inge, N7ETC with offers or for more information 253-474-4010

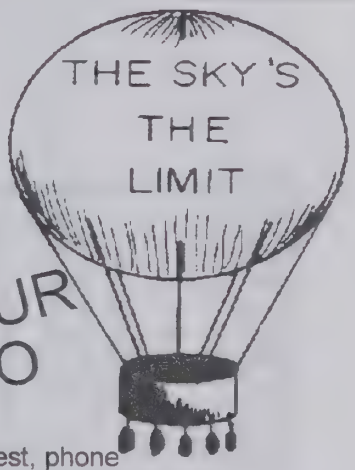
FAIR 2000



Sign up early to work your favorite shifts at FAIR 2000! Call or e-mail Shirley, N7QHW, during July. The calendar chart will be available at the August club meetings. PLEASE make it easy on the coordinator and sign up early and often! There are 3 shifts a day (10:00 A to 2:00 P, 2:00 P to 6:00 P, and 6:00 P to 10:00 P Sun thru Thurs and to11:00 P Fri and Sat). Fair starts Friday Sept 8 thru Sept 24. Contact me at 253-265-3661 or sundance@harbornet.com. Shirley

Please help fill in the open spots. A number of our best helpers are not available this year, so others will need to step in and fill the spots.

SEPTEMBER CONTESTS



2-3
All-Asian DX Contest, phone
Labor Day CW Sprint

9-11
ARRL September VHF QSO Party
Worked All Europe Contest, phone
North American Sprint, CW
End of Summer PSK-31 Sprint
SOC Marathon Sprint

16-17
ARRL 10 GHz and Up Cumulative Contest
North American Sprint, phone
QCWA QSO Party
Air Force Anniversary QSO Party
Washington State Salmon Run
Scandinavian Activity Contest, CW
Tennessee QSO Party

23-25
Scandinavian Activity Contest, SSB
CQ/RJ WW RTTY Contest
Alabama Heart of Dixie QSO Party
2000 Fall Classic (and Homebrew) Radio Exchange

Want more info, check **www.arrl.org/contests**

AREA SWAP MEETS

...and in the year 2000...

Sept. 9th - Radio Club of Tacoma Flea Market at Pierce County Fair Grounds
23 Sep Walla Walla, WA
1 Oct Chehalis, WA
14 Oct Bremerton, WA
1-3 Jun 2001 SEAPAC Seaside, OR

SCHEDULE YOUR SWAPMEET VISIT



Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members area their areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment

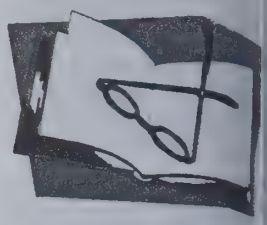
Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Frank, AB7YZ	253-752-8520	2,3
Roger, WA7ANJ	253-475-4293	1,2,3,4,7,8,11

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the board!

(Ed. Note – We need more volunteers on the elmer board. Please add your name to the list!)

Amateur Radio Exams

in the Puget Sound Region as of November, 1999



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Thursday - 7:00 PM, **Bonney Lake** Library,18501 90th St East – Contact Roxann Holwege, AB7HO, at 253-862-8905

2nd Tuesday - 7:00 PM - Radio Club of* Tacoma *Clu house, 1249 S. Washington St. - Contact Shirl Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Conta Bill Thompson, K7OLY, Tumwater, 360-236-9048

2nd Saturday - 10 AM - **Tukwila** - Denny's Restaurant, 1 13100 48th So., Contact Mary Lewis, W7QGP, 206-52 9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Ha 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-077 Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 7 Tobin Street - Contact Jan VanAllen, K7YH, in Kent, 206-824-9039.

3rd Saturday - every 4th month - 9:30 AM - **Montesar** High School - Pearsall Center, 2109 Sumner Ave. Co tact Nick Bender, NX7W, 360-249-4671, Montesano

3rd Saturday - 10 AM - **Shelton** - Shelton Airport - Contact - Dick Bostrom, N7LD, 360-426-4627, Shelton

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Ce ter, 6400 36th Ave. West - Contact Dwayne Brodersc KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Conta Bill Thompson, K7OLY, Tumwater, 360-236-9048

4th Saturday - 10 AM - **Everett** - Everett Housing Autho ity - 14th and Popular - Contact Loren Hole, KK7M, 42 335-5158, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Tec nical Bldg, Olympic College - Contact Walt Winter AA7TL, 360-692-8326, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 123 80th Ave East, Puyallup, WA 98373 - 253-845-7652



EDITOR'S NOTES

kathleen@naceplace.com

ello from the Ohio Turnpike! We are stopped at a ser-ce area on the turnpike for the night (Aug,24). We have rvived 3 rallies and the BIG convention. How big? here were 7422 (approx.!) motorhomes at the conven-n. It was a great time! Also was good to be with my mily again.

pe that some of you caught us during the convention APRS. There was a link to an interesting aerial photo the Naval Air Station where the convention was held. w we should be showing up as we travel. I hear it is n to watch us in motion... Check it out at `http://aprs.findu.com/k8rn` We are still working te HF APRS link. Let us know via e-mail if you can track and any other comments.

Don't forget to sign up for **FAIR 2000** and the **Flea Market**. Lots of help is need to make both of these important events successful! The summer will soon be gone...



See you at the FAIR. 73, Kathleen

ON THE ROAD AGAIN!



FIRST CONTACT AWARD

Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First Contact Award will be issued.

TUESDAY NIGHT NET JUNE CHECK-INS

CALL	CHECK INS	NAME
KROT	3	BYRON
K)6ILO	2	MARIO
K)6OKS	3	LEE
K)7AAG	1	MARK
NANF	1	RICH
A)7BU	3	AL
KBUD	2	BUD
W7BUN	3	JERRY
KCR	1	CLAY
K)7CZS	1	RAY
W7EC	3	HAL
K7FM	1	GEORGE
K)7GOR	2	BILL
K)7GTZ	3	VERN
K7IOX	4	SCOTT
KJIL	4	JILL
K)7JME	3	NORA
K)7KAQ	1	STEPHEN
N7L	4	JASON
K7LIG	1	CARL
WA7OHG	3	WADE
K7OQW	3	JOHN
K7OQX	2	SUSAN
K7QAG	3	JEFF
W37QCS	3	BOB
NQHW	2	SHIRLEY
NQHX	2	TOM

CALL	CHECK INS	NAME
N7QOZ	3	BOB
KK7QS	2	MICK
KK7QW	1	PETE
W7RGD	1	DICK
W7RW	1	ANDY
KB7SVX	3	JEAN
KB7SWW	1	BOB
KC7SYW	2	MARY
K7TDJ	1	TOM
W7TEL	1	DANNY
AB7TW	1	BOB
KK7VH	1	DICK
KC7VUM	3	LOU
KB7WDB	3	LOU
W7WG	2	WORTH
KA7WGG	1	LORRAINE
W7WIA	2	OLIVER
KC7YEF	4	FRANK
W9BYH	4	BILL

NET CONTROL STATIONS

JUNE	6	KK7QS
JUNE	13	K3ROT
JUNE	20	AC7BU
JUNE	27	AC7BU

TUESDAY NIGHT NET JULY CHECK-INS

Call	Check Ins	Name
K3ROT	2	BYRON
KD6ILO	2	MARIO
W6LIX	1	MOREL
KB6OKS	1	LEE
KD7AAG	2	MARK
AC7BU	2	AL
K7BUD	2	BUD
W7BUN	2	JERRY
KK7FM	1	GEORGE
W7GFC	1	GEORGE
KD7GOR	3	BILL
KD7GTZ	2	VERN
KD7HYU	1	D.C.
KA7IOX	4	SCOTT
K7JIL	3	JILL
W7IMW	2	JACK
KC7JME	4	NORA
WA7OHG	1	WADE
KC7OKV	1	A.J.
KC7OQW	2	JOHN
KC7OQX	2	SUSAN
KB7QAG	3	JEFF
WB7QCS	4	BOB
N7QHW	1	SHIRLEY
N7QHX	1	TOM
N7QOZ	3	BOB
KK7QS	1	MICK
KK7QW	1	PETE
W7RW	1	ANDY
KC7SAA	1	ED
KB7SVX	2	JEAN
AB7TW	1	BOB
KC7VUM	2	LOU
KB7WDB	4	LOU
W7WG	1	WORTH
KA7WGG	1	LORRAINE
W7WIA	1	OLIVER
KC7YEF	2	FRANK
W9BYH	3	BILL

NET CONTROL STATIONS

JULY	4	KK7QS
JULY	11	K3ROT
JULY	18	AC7BU
JULY	25	AC7BU

◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet.

ARRL COLLECTING "RESTRICTIVE COVENANTS" TALES

The ARRL has begun compiling a dossier of amateurs' experiences with CC&Rs--covenants, conditions and restrictions. Imposed by private homeowners' associations or by developers, CC&Rs--also known as "restrictive covenants" and "deed restrictions"--often impede or prohibit the installation of outside antennas.

In January, the ARRL asked the FCC to reconsider its denial of the League's request to extend the limited federal preemption known as PRB-1 to restrictive covenants. The League has said it would like hams to be free to negotiate reasonable accommodation provisions with local homeowners' associations just as they do now with governmental land-use regulators.

The ARRL is compiling documentary evidence to present if and when the occasion to do so arises. The experiences of amateurs with restrictive covenants will help them to determine the future direction. The ARRL is inviting narratives from amateurs who now are or have been denied the opportunity to install an antenna or support structure on a dwelling they own because of CC&Rs. Narratives should relate directly to situations involving restrictive covenants and should be no longer than one page for inclusion in the CC&R database. Submittals should include name, call sign, the address at which you were denied the opportunity to put up an antenna, and the basis upon which you were denied or would expect to be denied. Participants should include a copy of the contract language that would exclude your antenna or support structure and copies of any denial letters from a homeowners' association.

Submittals should be sent to ANTENNAS, c/o Steve Mansfield, N1MZA, American Radio Relay League, 225 Main St, Newington, CT 06111. E-mail submittals are welcome to smansfield@arrl.org with the subject line "ANTENNAS".

While the FCC has yet to act on the ARRL's Petition for Reconsideration to apply the philosophy of PRB-1 to CC&Rs, the League is seeking "additional opportunities" to present its case, Mansfield said, and the narrative database is one step in that direction.

CALIFORNIA MAN ARRESTED FOR UNLICENSED OPERATION

A California man with a long history of alleged unlicensed operation has been arrested. The FCC reports that Richard Allen Burton was taken into custody August 5. The action follows Burton's indictment in May by a grand jury for the US District Court for the Central District of California. Burton, a former amateur licensee, has been charged with six felony counts of violating the Communications Act of 1934.

The FCC says Burton was operating without a license on Amateur Radio repeaters in Southern California after his license was revoked. Formerly WB6JAC, Burton's General ticket was lifted in 1981. He was convicted in 1982 on four counts of transmitting without a license and two counts of transmitting "obscene, indecent or profane words, language or meaning." Burton initially was sentenced to serve six months of an eight-year prison term, with the remainder suspended. Upon appeal the US Ninth District Court of Appeals upheld the unlicensed operation conviction but threw out his obscenity conviction. The FCC says that Burton transmitted without a license while on probation in 1984 and again in 1990. After the second incident, he was fined $2000 and received a year's probation.

The FCC said that bail for Burton was set at $20,000. He's out on bond. Burton pleaded not guilty at his arraignment, and a trial has been set for October 3.

FCC TURNS DOWN KENWOOD "SKY COMMAND" PETITION

The FCC has declared that use of Kenwood's "Sky Command" remote station control system does not comply with Amateur Service rules. In an Order released July 28, the FCC also declined to grant a waiver of the rules to make Sky Command legal.

"We conclude that Sky Command does not comply with Section 97.201(b), and that a waiver of the rules is not warranted," the FCC said.

Sky Command, which lets the user control a fixed HF station via a pair of dual-band transceivers, has been on the market for almost three years. The ARRL has declined to permit Sky Command advertisements in QST, however, maintaining that the system was not legal to use as configured. Sky Command operates in full duplex using a 70-cm frequency to transmit audio and control commands to a dualband transceiver at the remote station and a 2-meter frequency to transmit received audio via the remote station's Sky Command transceiver to the operator's transceiver. The VHF channel also contains a Morse code ID.

FCC GRANTS EXPERIMENTAL LICENSE FOR 2300-2305 MHz

The FCC's Office of Engineering and Technology has issued an experimental license to a California company to test market a wireless Internet system in the San Diego area on 2300 to 2305 MHz. Amateur Radio has a secondary allocation on 2300-2310, the lower segment of the 13 cm band.

According to the ARRL band plan, the 2300-2305 MHz segment supports a variety of amateur activities, including weak-signal CW, SSB, digital modes and moon bounce as well as beacons and translator inputs and outputs. The ARRL continues efforts to get 2300-2305 MHz elevated to primary status for amateurs.

The FCC issued the call sign WB2XIK to ArrayComm Inc of San Jose to deploy its "i-BURST" wireless Internet technology using up to 3000 "market trial" participants with portable units and up to 50 base station nodes, each with 50 W EIRP. The license, granted in

pril but only recently made public by the FCC, is good r two years. Typically, the FCC gives no notice of experimental applications until they are granted. The experiment would be conducted within a 35-mile radius of an Diego. Market trial users will be equipped with laptops and i-Burst wireless modems that operate at a maximum EIRP of 1.3 W. The company says it will make clear participants that the system is experimental and temporary.

AC SEEKS ELIMINATION OF 12 WPM MORSE EQUIREMENT

Radio Amateurs of Canada has asked Industry anada--the Canadian equivalent of the FCC--to discontinue that country's 12 WPM Morse code requirement in avor of a 5 WPM test. During the past year, RAC says it as consulted with the Canadian Amateur community on e issue, and the RAC Board has concluded that a majority of Canadian Amateurs support dropping the 12 PM Morse test--although RAC acknowledges that any are against the change.

ANITY FEE REMAINS $14

Vanity fee stays at $14 this fiscal year: The annual regulatory fee for an Amateur Radio vanity call sign ill stay $14 ($1.40 per year for the 10-year license rm). The FCC has revised its Schedule of Regulatory ees in order to collect the $185,754,000 that Congress as required the Commission to collect for Fiscal Year 00, but it proposed no change in the vanity fee. The ommission adopted the proposed schedule of fees on ne 30. (FY 2000 began last September; the fees are aid in arrears.) The FCC said it anticipates 8000 applications for vanity call signs during FY 2000.

RRL INSURANCE NAME CHANGE

Albert H. Wohlers, the administrator for the ARRL mateur Radio equipment insurance program, has hanged its name to Seabury & Smith. The change does t affect the ham radio equipment program, which Wohrs has been administering for nearly 20 years. For more formation, contact Seabury & Smith, 847-493-4581; 0-900-9772.

MATEUR RADIO LEGEND LEW "MAC" MCCOY, /1ICP, SK

Amateur Radio legend and former ARRL Headuarters staff member Lew "Mac" McCoy, W1ICP, of esa, Arizona, died July 31. He was 84. His daughter, arsha Ashurst, W1HAQ, said McCoy had not been feelg well for about seven weeks and was diagnosed as eing seriously ill only three weeks before he died.

As a member of the ARRL Headquarters staff m 1949 until 1978, McCoy gained a national and interational reputation primarily for his articles in QST and s early work to combat TV interference. "He became a ero of all the Novices and beginners because his stuff as so down to earth and easy to read," said retired RRL Communications Manager George Hart, W1NJM, good friend.

ARRL Executive Vice President David Sumner, 1ZZ, described McCoy as "one of a kind" and "versatile." Sumner said McCoy "left his mark on future generations of amateurs as QST's 'Beginner and Novice' editor." When FM repeaters came along, Sumner said, McCoy made it his mission to educate his ARRL colleagues about their potential.

An ARRL Life Member, McCoy was first licensed as W9FHZ. He arrived at ARRL Headquarters in 1949, eventually landing in the Technical Department. There, he was able to take advantage of his ability to explain technical concepts in simple terms.

McCoy earned a reputation as a tireless traveler and goodwill ambassador for Amateur Radio. He first started hitting the road in the early 1950s after TVI had become troublesome for amateurs and soon became the League's TVI expert.

After leaving the ARRL Headquarters staff, McCoy continued as a QST contributing editor. He subsequently was a major contributor to other Amateur Radio publications, including CQ.

During his active years on the air, McCoy was an avid DXer. More recently, he was active in the Quarter Century Wireless Association, had served as QCWA president and a board member and had just been elected again to the QCWA's Board of Directors, something his daughters never got to tell him before he died. QCWA President Emeritus Leland Smith, W5KL, remembers McCoy as a proponent of a no-code license for beginners who also advocated the 5 WPM maximum code requirement subsequently adopted by the FCC.

McCoy's first wife (of 60 years), Martha, died in 1998. Survivors include his wife, Clara Gibbs McCoy, and his daughters, Marsha Ashurst, W1HAQ--licensed at age 8 and said at the time to be the youngest ham in the world--and Sharon Armann, ex-WN1GQR, as well as grandchildren and great-grandchildren.

In accordance with McCoy's wishes, there will be no funeral. The family is planning a memorial service for McCoy in early December. In lieu of flowers, the family is requesting memorial donations in Lew McCoy's name to Hospice of the Valley, 1510 E Flower St, Phoenix, AZ 85014-5656. Condolences may be sent to the family care of Marsha Ashurst, PO Box 2260, Lakeside, AZ 85929.

ISS HAM GEAR CLEARED FOR TAKEOFF

The way has been cleared for the Amateur Radio gear destined for use aboard the International Space Station to be launched into space. The initial amateur gear is scheduled go up to the ISS on mission STS-106 aboard the shuttle Atlantis on September 8. As part of the multinational Amateur Radio on the International Space Station project, the gear will be stowed aboard the ISS for use by the Expedition 1 crew, which comes aboard in late October.

The Expedition 1 crew will consist of three amateurs: US astronaut Bill Shepherd, KD5GSL, and Russian Cosmonauts Sergei Krikalev, U5MIR, and the recently licensed Yuri Gaidzenko, whose call sign was not available.

So that the station will be available to the first crew, the ARISS initial station gear will be installed temporarily aboard the ISS functional cargo block and use an existing antenna that's being adapted to support FM

voice and packet on 2 meters but not on 70 cm. Eventually, the ARISS gear will find a more-permanent home aboard the Zvezda service module.

A Russian call sign, RZ3DZR, has been issued for the ISS ham radio station. A German call sign, DL0ISS, also has been issued, and a US call sign will be applied for.

For more information about Amateur Radio on the ISS and SAREX, visit the SAREX Web site.

FEWER THAN ONE-FIFTH OF HAMS ARE ULS-REGISTERED

The FCC has confirmed that fewer than one-fifth of US Amateur Radio licensees--including club stations--are registered on the Universal Licensing System. The FCC deployed the ULS for the Amateur Service just under a year ago, although registration has been available far longer.

During his comments at the Dayton Hamvention FCC forum, the FCC's Steve Linn, N4CAK, encouraged amateur licensees to register with ULS to "lock in" their FCC records. ULS registration, he said, "protects your call sign within the system" and could prevent it from inadvertently being deleted or reissued due to a filing error.

All amateurs must be registered with the ULS in order to file applications with the FCC, even for such routine matters as a change of address or a license renewal. Registration requires that licensees supply a Taxpayer Identification Number, or TIN--a Social Security number for an individual. Some amateurs have protested that requirement citing privacy concerns, but the FCC has maintained that it's bound by the Debt Collection Improvement Act to require it.

Last month, the FCC announced that it has begun implementing the new Commission Registration System, or CORES. Registration in CORES eventually will replace ULS registration, although the FCC has not indicated just when the switch will occur. CORES registration also will require registrants to supply a TIN. Those already registered in ULS need not register again in CORES, however. The FCC says the ULS will continue to be the primary Amateur Radio licensee database and the only means to file applications and updates.

The FCC's Wireless Telecommunications Bureau recently announced expanded hours for ULS technical support. ULS users may now reach the FCC Technical Support Hotline, 202-414-1250, from 7 AM to 10 PM weekdays. Weekend service is newly available. On Saturdays the Hotline will be available from 8 AM until 7 PM and on Sundays from noon until 6 PM (all times Eastern). Users also may contact tech support via e-mail at ulscomm@fcc.gov.

For more information, to access the ULS or to register, visit the FCC's ULS site.

NEW AMATEUR SATELLITES IN THE OFFING

New amateur satellites are reported on the way as payloads from Saudi Arabia and Malaysia are set to launch later this month from Russia.

SAUDISAT-1A and SAUDISAT-1B, the first Amateur Radio satellites from the Kingdom of Saudi Arabia, are under construction at the Space Research Institute in Riyadh. Tentatively set to launch August 25 from the Baikonur Cosmodrome, Kazakhstan, the two satellites will be capable of 9.6 kB digital store-and-forward operation as well as FM bent pipe mode.

SAUDISAT 1A will have a downlink on 437.075; SAUDISAT-1B will downlink on 436.775 MHz. VHF uplinks will be announced after commissioning.

The first Malaysian amateur satellite, TIUNGSAT-1, is also to be launched on the same vehicle. The new bird will offer FM and FSK (at 9.6, 38.4, and 76.8 kB) with uplinks at 144.46, 145.85, and 145.86 MHz and downlinks at 437.300, 437.325, 437.350, and 437.375 MHz. The package also includes the Multi-Spectral Earth Imaging System and Meteorological Earth Imaging system payloads. The Malaysian spacecraft is the result of a technological collaboration between Astronautic Technology and Surrey Satellite Technology Ltd. An animation of the TIUNGSAT-1 launch is available at the SSTL site.

KEEP THOSE CARDS COMING

Outgoing QSL Service marks a million: On July 28, the ARRL Outgoing QSL Bureau topped one million cards sent so far this year. QSL Service Assistant Tammy Krauss, K1TLK, says the year-to-date total is 1,103,535. That number is ahead of the same date last year by 22,215 cards.

COMPUTING AT ARRL - NOT JUST COMMODORE AND ETCH-A-SKETCH ANYMORE

Hot on the heels of ARRL Board approval of up to around $1 million for an information technology upgrade, Information Systems Department personnel were installing new heavy-duty equipment. Ready to go on-line pending development of updated database software are two Compaq Proliant 5500 servers, each containing four Pentium Xeon processors. Each server has 1 GB of memory, four 18.2 GB hard drives, and a 1 Gb network card. The new computer software and hardware not only will enhance the ARRL's e-commerce capabilities but update membership information and accounting systems. It also eventually will enable such services as electronic QSLing, member Web access to DXCC records, nearly real-time updates of DXCC listings, and expanded, detailed contest results. The Board also agreed to provide additional financial support for the popular ARRL E-Mail Forwarding Service.

NEW LIFE FOR MIR

AMSAT News Service reports that MirCorp's board of directors recently approved a permanently manned operation of the Russian Mir space station beginning next year. The announcement signaled a major milestone in the company's plan to use the unique facility as the world's first commercial orbital space station. A schedule of privately financed MirCorp flights begins with the launch of an unmanned resupply spacecraft to Mir this fall, followed by two long-duration missions with cosmonauts in 2001. The implications for Amateur Radio operation from the station remain unclear.

ARRL BOARD APPROVES MORE COLORFUL QST

A more colorful QST will be showing up in members' mailboxes within a few months. The ARRL Board of Directors unanimously approved a resolution directing that the League's monthly membership journal be printed in full-color at a minimum size of 176 pages per issue.

"QST is the most visible ARRL membership benefit," said ARRL Publications Manager Mark Wilson, N1RO. "This will give it greater impact." He explained that advances in printing technology have narrowed the gap between full-color and monochrome reproduction to the point that it makes the most sense to go forward with color. "Color communicates better than monochrome," he said, adding that the additional cost would work out to pennies per issue."

ARRL BOARD ACTIONS

In other action, the ARRL Board put its stamp of approval on "The Big Project," Haynie's ambitious initiative to provide a turnkey Amateur Radio curriculum in American classrooms. Now officially dubbed "The ARRL Amateur Radio Education Project," the program will offer a curriculum and equipment that schools can incorporate into existing curricula. The project will be funded by corporate and foundation donations.

The Board accepted the report of the Ad Hoc Antenna Case Assistance Committee, which recommended creation of an expert panel to evaluate requests for supplemental funding of antenna cases. The program unanimously approved by the Board puts a $10,000 cap on the funding of federal appeals in "those rare and infrequent cases in which there was a significant issue of law of benefit to the wider amateur community."

The Board also agreed to put the League's muscle behind an international effort to secure a 300-kHz exclusive assignment for Amateur Radio in the vicinity of 7 MHz. The 40-meter realignment issue now is on the agenda for World Radiocommunication Conference 2003.

ARRL VOLUNTEERS FIND, FIX "THE DITTER"

ARRL staffers were greeted the morning of July 2 with reports of a continuous string of CW dits near 7.008 MHz--heard throughout North America over the preceding weekend. Initial reports gave conflicting beam headings of the offending signal, dubbed "the ditter." But when FCC staffer John Reiser, WQ4L, called ARRL to report his observations, things started to happen.

Reiser facilitated an FCC DF trace to the San Diego area. The ARRL San Diego Section leadership was notified, and Section Manager Tuck Miller, NZ6T, coordinated local hams in a close-range DF effort. San Diego section Official Observer Coordinator Bill Sallee, KTWO, took several field readings. At one point, when he had narrowed the location to within two miles, the signal abruptly disappeared. The ARRL Monitoring System also was alerted. It was confirmed that this was a normal CW signal, not a "woodpecker"-type intruder.

Dialing around the bottom edge of 20 meters early on July 26, IARU Region 2 Monitoring System Coordinator Martin Potter, VE3OAT, heard the ditter once again, this time near 14.026 MHz. Potter determined that the signal had an identical period and beam heading as the one heard earlier. He notified ARRL Headquarters, and the San Diego hams picked up where they'd left off.

Sallee's field strength readings drew him closer and closer to the coast, where the heading reversed. Sallee reports that he ultimately found the apparent source in the oceanfront community of La Jolla. He says the woman who answered the door said her husband was a ham and allowed Sallee to take a look at the station. Sure enough, a stuck dit paddle was keying a powered, unattended rig, which Sallee disabled.

Sallee theorizes that heating and cooling within the ham's uninsulated shack and a combination of corrosion in the keyer paddle's pivot mechanism and close dit contact spacing contributed to the contact's migrating to a closed position. He said the ham later told him that he'd been operating on 14.007.5 MHz on July 21 but did not return to the shack until Monday afternoon. "He remembers listening to a CW contact on 14.026 but did not transmit," Sallee said. "He then left the shack unaware that by leaving the rig on, he would fall victim to unattended transmission when the moisture and temperatures began to change."

Sallee says the ham, whom he did not identify, "was most embarrassed."

"I really felt sorry for him and assured him that public hangings were no longer in vogue," Sallee said. "He said he had learned a valuable lesson about disabling a rig that will be unattended."

Potter congratulated the ARRL Monitoring System and the San Diego field organization for what he called "a fine example of quick reaction and good, solid work" on tracking down the unintentional transmission.

COLLECTOR'S EDITION ARRL PUBLICATIONS

Limited-edition Y2K Antenna Book, Operating Manual available soon: To commemorate the Year 2000 and ARRL's ongoing publication excellence, special editions of popular ARRL books have been produced in limited quantities. A Year 2000 collector's edition of The ARRL Handbook sold out in just 10 days! Now, two new hardbound, leather-cover collector's editions with gold foil cover lettering are in the works. The ARRL Operating Manual (7th ed) is set to ship in mid-September, and The ARRL Antenna Book (19th ed) will be out in mid-November. Only 2000 copies of these collector's editions, sequentially numbered, will be produced. Orders received before August 6 will be personalized in gold foil with your name and call sign. (Orders received after August 6 will bear a serial number only.) Each book is $70 plus shipping/handling, and shipping is free if you order both books. To order, visit the ARRL Web site or call toll-free, 888-277-5289 Monday through Friday, 8 AM-8 PM Eastern.

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ARRL

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COMING EVENTS

OCT 4 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

OCT 7 - Pinochle Potluck - 7PM at the Clubhouse

OCT 10 - License Exams - 7 PM - Clubhouse

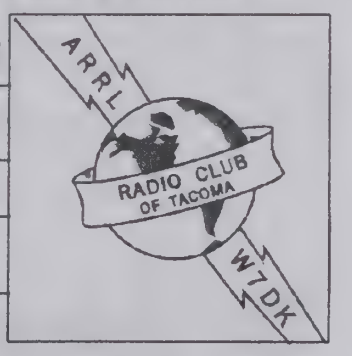
OCT 11 - Club Meeting - Library Administration Center, 7:30 PM
Program: WORLD RADIO TEAM CHAMPIONSHIP - Ward Silver, NØAX

OCT 15 - BARK deadline

OCT 25 - Club Meeting - Library Administration Center, 7:30 PM
Program: ASK THE EXPERTS

RADIO CLUB OF TACOMA

W7DK



- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- **See page 3 for meeting program schedule.** Check the weekly net for updates to the program schedule.

Be a CLUB officer ~ Volunteer!

October 2000

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1 *BILL W9BYH	2  OCTOBER MUSINGS	3 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R *BILL KD7ENB *FRANK W7YDS	4 7:30 PM RCT BOARD MTG	5	6	7  9:00 AM OPEN HOUSE 7:00 PM PINOCHLE POTLUCK TECHNICIAN CLASS 9 A - 5 P
8 TECHNICIAN CLASS 9 A - 5 P	9	10 7:00 PM ARES NET 145.37R 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R	11 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD *DEL KB7PKI  NOMINATIONS	12	13 *HERB KC7BAA  FULL MOON	14  9:00 AM OPEN HOUSE *DEL W7JG *ETHEL W7WLX *JESSICA KC7ZWM *MILTON CALL PEND
15  BARK DEADLINE IS THE 15TH	16	17 7:00 PM ARES NET 145.37R 7:00 PM MVWS LICENSE EXAMS 7:30 PM RCT NET 147.28R *SUSAN KC7AVS *TOM KC7UFX	18 *JILL K7JIL	19 *BRUCE K7RED	20 *HARVEY W7RMI	21  9:00 AM OPEN HOUSE
22 *CHUCK WY7V *DAWN KC7VZM	23	24 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R *JEAN KB7SVX *KERMIT W7PMR	25 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD *CLIFFORD KC7CLV	26	27  NEW MOON	28  9:00 AM OPEN HOUSE
29 *ROGER WA7ANJ  STANDARD TIME CLOCKS FALL BACK	30	31 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R  HAPPY HALLOWEEN				

September 2000

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

November 2000

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

* HAPPY BIRTHDAY

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXVII NR. 10 | W7DK | OCTOBER 2000

FROM THE PRESIDENT

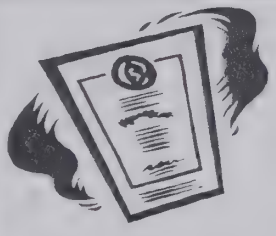
The flea market is over for another year. I feel that the Radio Club Of Tacoma owes Roger Terwilliger, WA7ANJ, a big THANK YOU for taking the event on. Along the same line, the people who help during the day are owed a thank you for a job well done. I do not have the ending figures but from what I hear, we did not do very well. Are the days of flea market over? Are E-Bay and other on-line auctions taking over as the preferred way to sell items? And finally should the RCT hold any more fleamarkets? The last question will be discussed at the next board meeting.

It's that time of year to elect officers for the coming year. As you know, with the chang of the by-laws, this year the offices that are open are as follows: President, Treasurer, and 2 board members. These positions will be elected for two year terms. The nomination committee are as follows: Jean Treloar, KB7SVX, Ray Winter, KD7CZS, and Tom Murphy, N7QHX. If you want to run for an office, contact one of these people

73, Alan

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- ▶ **CONTEST CALENDAR** - Page 6
- ▶ **MINUTES** - Page 5
- ▶ **MUSEUM MUSINGS** - Page 7



FIRST CONTACT AWARD

Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First Contact Award will be issued.

PINOCLE



at the Clubhouse
1249 So. Washington
1st Saturday, Oct. 7th
Pinochle & Potluck - 7pm
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898

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	RICH MANSON	N7ANF	474-8883
	GEORGE NOBLE	KK7FM	756-1127
	AL CHURCHILL	AC7BU	847-3215
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	DICK RYAN	W7RGD	627-0922
	JERRY SELIGMAN	W7BUN	845-7652
PHOTOGRAPHER			
ASSISTANT ED.	ROGER NACE	K8RN	209-5624
COMPOSITOR	KATHLEEN NACE	NØEYK	209-5624
PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call a club officer to pass on the word to the appropriate person(s).

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.28 / .88 MHz **144.97 - Packet**
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Mark Mc Farland, KD7AAG — RCT # 2074
33420 SR 706 E
Ashford, WA 98304-9772 — 360-569-2864

David J Casey, N7DJC — RCT # 2075
2602 SW 343rd St
Federal Way, WA 98023-7600 — 253-874-2927
dcasey@mindspring.com

George Lightner, No Call — RCT # 2076
7602 89th Ave SW
Lakewood, WA 98498-4918 — 253-584-9497
glighta@foxinternet.net

Reinstatements

Address/Phone Changes/Corrections

Robert Nelson, KD7HBE
PO Box 446
Gig Harbor, WA 98335-0446

E-Mail Address Changes/Additions

David Stilwell, KD7EMZ
Email is kd7emz@arrl.net

New Calls/Upgrades

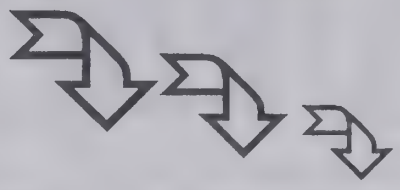
Silent Keys

Jack Hills, K7SRU
Larry Seaman, WA7QEW
William Eugene (Gene) Tice, W7ZZZ, formerly W7EOF
Joanne Pattin, K7XYL

ADDRESS CHANGES

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to Shirley, N7QHW, @ 253-265-3661.

COMING PROGRAMS AT RCT



CTOBER 11TH - WORLD RADIO TEAM CHAMPIONSHIP (WRTC) - In July, 53 two-person teams consisting of the orld's finest contest operators from 35 countries traveled to Slovenia to participate in a unique 20-hour radio contest. ne WRTC is the worldwide contest community's attempt to answer the question: who is ***really*** the best. Each team erated from a different station. The radios, antennas, and antenna heights at each station were similar. Ward Sil- er, NØAX, from Vashon, will present a slide program and describe this exciting event. (October QST covers the full ory.)

CTOBER 25TH - ASK THE EXPERTS - A panel of experienced amateurs will answer ANY questions relating to am radio. Ask questions about licensing, exams, classes, emergency preparedness, antennas, mobile installations, acket radio, repeaters, technical problems, ARRL, RF safety, AC power, or any other amateur radio topic.

OVEMBER 8TH - TO BE ANNOUNCED

OVEMBER 22ND - AL HAYNES WILL RECOUNT THE EXTAORDINARY SAGA OF UNITED FLIGHT 232 - Al aynes is the United Airlines pilot who successfully landed his severely crippled DC-10 in Sioux City, Iowa on July 9, 1989. An engine explosion had destroyed all three hydraulic systems resulting in almost complete loss of direc- onal control. Al landed the plane using assymetrical engine thrust to steer. Even though the plane touched down in a ass of flames, 184 souls survived (112 passengers and crew did not survive). Al will discuss how communications th the rest of the crew and with ground controllers resulted in the saving of so many lives.

Radio Club of Tacoma License Exams

OCTOBER 10, 2000

7 PM RCT Clubhouse

1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.65. For information call: Shirley Murphy, N7QHW @ 253-265-3661

Fee as of Jan. 2000 – $6.65

RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.

SIZES Small through XL ARE $39, XXL ARE $46 AND XXXL ARE $52.00.

GET ONE NOW!

Call Shirley, N7QHW, at 253-265-3661, to order yours today!

In Remembrance W7ZZZ

William Eugene (Gene) Tice passed away in Puyallup on 15 September 2000. He was 82. Licensed in 1934, his old call was W7EOF. In 1998 he changed his call to W7ZZZ and became known as the "sleepy ham". A graduate of Lincoln High in 1936, he began his career with the Northern Pacific-Burlington Northern Railroad as a telegrapher-station agent in 1937. He retired in 1979.

Gene was a 50 year member of the Masonic Lodge, most recently active in Phoenix Lodge No. 157, Sumner, a member of Guiding Star Chapter No. 99, O.E.S., and the Sumner United Methodist Church.

Gene is survived by his wife of 58 years, Blanche, their 3 daughters, 4 grandchildren and a sister.

(Taken from TNT, 18 Sept.2000)

ARES/RACES

...de Shirley Murphey, N7QHW

As always, remember in times of need to tune into 145.37 repeater and see if anything is happening. If help is needed, please jump in with your call and volunteer to help. Don't wait for the phone to ring, just get on the air and volunteer.

Public Service Events are waning for the year but stay tuned for announcements on the weekly net at 7:00 PM on Tuesdays on 145.37 repeater and remember, VOLUNTEER. Judy LaFleur, N7NII, will be organizing these events this year. Contact her to volunteer or let her know on the weekly net. Reach Judy at 253-847-5198. We always need lots of volunteers so please consider helping. Remember as a member, we feel it is essential that each person participate in at least one event or drill each year.

RECOMMENDED MINIMUM STANDARDS FOR MEMBERS

1. Hold a valid registration card for the Pierce County Department of Emergency Management.
2. Hold a current Amateur Radio license, Technician class or above.
3. Possess adequate outdoor clothing and equipment for the Pierce County environment such as: wool or synthetic inner and outer wear, rain gear, appropriate footwear, backpack, 24 hour food and water supply with utensils, compass, first aid kit and flashlight.
4. Have access to equipment for communicating on 2 meters (440 band as well if possible)
5. Basic first aid and CPR training recommended.
6. Read a map and locate one's position on it.
7. Basic compass knowledge.
8. Check into the Pierce County Emergency Services Net at least once a month to maintain an active status.
9. Participate in at least one training exercise or event each year.



Alan, KB7SVU, needs volunteers to help with making phone calls to schedule volunteers for events as they take place. This is an important job so please consider helping out. Again call Alan at 253-840-4947 to volunteer.

We have a new Medical Services Emergency Coordinator for Pierce County. His name is Paul Dunn, KC7QNQ. Let's extend a big welcome to Paul. If Paul calls, please welcome him and help to support his part in our service to the community.

COMING EVENTS THIS FALL as published in The Radiogram which is the WWA Medical Services Team newsletter by Marina Zuetell, N7LSL and Group Health Cooperative.

September 24, 2000

This will be the annual Medical Services Team SET (Simulated Emergency Test) for ARRL points. We would like every team with a hospital contact to participate if possible. Our plan is for each county to do a simplex test between facilities within the county, and also attempt to check in with the Primary Net Control in King County on a designated repeater frequency. This will be somewhat similar to what we did over the Y2K New Years nonevent. The objective is to test simplex frequencies within each of the counties, and also test inter-county communications.

October 10, 2000

Pierce County and King County will be conducting a coordinated exercise involving a collapse of the west flank of Mt. Rainier with inundation of the Puyallup and Carbon River valleys. Several hospitals in south King County and north Pierce County will be participating in this exercise, and radio operators will be needed for about 6-8 hospitals. Additonally, radio teams from cities or agencies, which might provide mutual aid, will be encouraged to participate. If interested, please contact Marina Zuetell at n7lsl@arrl.net.

October 25, 2000

Seattle and King County Weapons of Mass Destruction exercise will involve 3-4 Seattle hospitals still to be determined. Radio operators will be needed for the hospitals, mass transit, and net control station.

Remember to check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Shirley, N7QHW. PLEASE take note that if your DEM card has expired and there is not a current card on file in the DEM office, you HAVE BEEN REMOVED from the list of volunteers. To be eligible again, you simply need to fill out a DEM application. Be sure to turn them in to Shirley, N7QHW so that all of our records are up to date. By the end of August, all persons with expired Department of Emergency Management Cards will have been removed from the list. You are more than welcome to become a member again by requesting an application and sending it to Shirley, N7QHW.

Do you want to get involved? Simply contact Alan Hughes, KB7SVU at 253-840-4947 and let him know.

73 Shirley, N7QHW



MEETING MINUTES

Rdio Club of Tacoma
Rgular Meeting
2 August 2000
Meeting opened at 7:30 PM with the flag salute led by Vorth, W7WG. Introductions were made around the room.
Anouncements: Shirley, N7QHW, said we still need help wh the Fair.
Sent Key: John Loidhamer, K7ASZ
Ealth and Welfare: Wade, WA7OHG, blood pressure evated.
Lgrades: Nina, KD7JDY, to General.
Cmmittee Reports: First weekend of October there will b a Technician class.
Fograms: Jerry, W7BUN, announced upcoming programs, and introduced and
nducted the evening's program. "All about QSL cards."
Fea Market Report: Reservations coming in, and help s I needed.
Morel, W6LIX, gave a report on a tour of a nuclear sub he w s on..
Fiffle Drawings: Won by W7DO, N7QHW, and KK7FM
Te meeting adjourned at 8:30 PM.

Fdio Club of Tacoma
Eard Meeting
S September 2000
Meeting opened at 7:35 PM by President Hughes, K37SVU.
Correspondence: Bank statement, ARRL renewal, address corrections.
Id Business: Still have slots to fill at the Fair. Hope to ve the 440 repeater going by the end of September. Escussion on letter from Mossman family about items onated to the club in 1995. We are acknowledging all onations now, and will try to find out about the items that ere donated then.
Jew Business: A Jamboree on the Air, for the Scouts ll be held the third weekend of October. George , K7FM, will contact them and offer the resources of the ub.
Tea Market: The tables will arrive on Friday. The buildigs used will depend on total table spaces sold. Food ll be hotdogs, chips, etc. This is due to restrictions on od permit.
Good of the Order: We need to work on 75/80 meter anennas upstairs. Alan, KB7SVU, will check them when he orks on the 440.
djourned at 8:22 PM.

TREASURER'S REPORT

AUGUST 2000 SUMMARY	
INCOME	
DUES INCOME	$168.00
COFFEE	42.13
BADGE SALES	18.00
FIELD DAY BUS	19.37
RAFFLE	55.85
BOOK SALES	28.00
TOTAL AUGUST INCOME	$331.35
EXPENSES	
BOOK PURCHASES	$384.58
COPIER MAINTENCE	113.67
RETURNED BARK	1.55
UTILITIES	230.13
TELEPHONE	122.67
PROGRAM	8.38
BADGE PURCHASE	92.00
TOTAL AUGUST EXPENSES	$952.98
NET ***LOSS*** FOR MONTH	$-621.63



Radio Club of Tacoma
Membership Meeting
13 September 2000
Meeting opened at 1935 with the flag salute led by Ed, KC7OKS. Introductions around the room.
Silent Key: Larry Seaman, WA7QEW, Jack Hill, K7SRU.
Health and Welfare: Lou Metz, KC7VUM, eye surgery.
Treasurers Report: In the Bark
Correspondence: Regular bills.
Announcements: Technician class 7/8 October. A General class is being formed, but still needs some people. Jerry, W7BUN, welcomes your ideas or you volunteering to put on programs for the club.
Program: Jerry introduced Pete Polocani, K7PP, who presented a program about I.R.L.P., Internet Radio Linking Project. It was an interesting program, and Pete invited people to visit his web site for further information and also to learn more about his repeater system. The address is: www.k7pp.com
ARRL report is in the Bark.
Fair: All slots are full.
Hints and Kinks: Tuesday night VHF net now has a question of the week. Alan told about a rechargeable battery pack available at Target that powers a cell phone for over 3 hours and should work for HT's. Reasonably priced. A. J., KC7OKV, mentioned the Radio Shack bar code

reader that is free.
Election Committee: Ray, KD7CZS, Jean, KB7SVX, and Tom, N7QHX.
Positions open this year are: President, Treasurer, and 2 Board Positions. Contact a committee member to nominate someone or if you are interested.
Good of the Order: Washington State QSL party this weekend.
Door prize drawing held. Three gift certificates were awarded to members present.
Adjourned at 8:40 PM.



Flea Market 2K

FM2K is history! It was held at Frontier Park in Graham (Pierce County Fair Grounds). A new feature this year was the presence of eight Civil Air Patrol Cadets, to assist with security. A donation to their auxiliary fund brought them out in full dress. Nice touch, and they were extremely good at what they were doing! I found it amusing that a staff member got challenged at every door he tried to enter because his wrist band was covered by his sleeve! (Gotcha, Frank!) Further, Ticket Sales stated that about 20 - 25 customers came to the booth to buy tickets because " they wouldn't let me in without a wrist band". A good investment, I believe.

There were 14 door prizes, of which 5 or 6 were won by club members. The Grand Prize was won by Ray, KD7CZS, just AFTER he bought a Radio Shack 10-Meter rig - at the Flea Market! Hey, when you're hot ...

While the total costs and final net is not available at this time, (final figures next month), it is safe to say we did make a profit. This in spite of the national trend that has been evidenced all year in all the Ham Magazines, that swap meets, flea markets, and Hamfests are losing money, and CLOSING DOWN - never again to be enjoyed, live and in person, by bargain hunters everywhere. The cause of this trend appears to be PROGRESS - the internet and e-Bay are attracting buyers and sellers in record numbers, and for good reasons - greater exposure, better prices ...

More to follow ... Have FUN! with Ham Radio!
73, Roger WA7ANJ

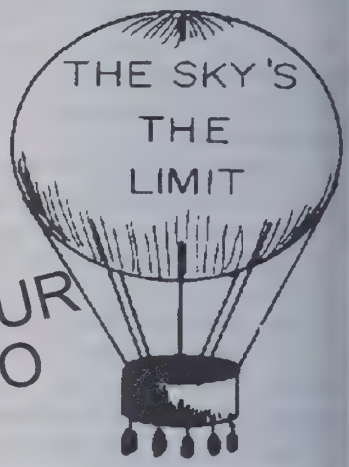
ELMER TODAY
VOLUNTEER!



FAIR 2000



It's happening! Full report next month. Editor...



OCTOBER CONTESTS

WITH AMATEUR RADIO

September 30-October 1
Louisiana QSO Party
Texas QSO Party

7-9
California QSO Party
VK/ZL/Oceania Contest, phone
RSGB 21/28 MHz Contest, phone
YLRL YL Anniversary Contest, CW
The TARA PSK31 Rumble The Fall Classic

10
Ten-Ten Day Sprint

14-15
Pennsylvania QSO Party
FISTS CW Fall Sprint
ARRL International EME Competition

21-22
Arkansas QSO Party
Illinois QSO Party
VK/ZL/Oceania Contest, CW
RSGB 21/28 MHz Contest CW

21-23
YLRL YL Anniversary Contest, phone
QRP ARCI Fall QSO Party, CW
Asia-Pacific Sprint, CW
Worked All Germany Contest
JARTS WW RTTY Contest

28-29
CQ WW DX Contest, phone
Ten-Ten International Net Fall CW QSO Party

Want more info, check
www.arrl.org/contests

MUSEUM MUSINGS

by the Antiques

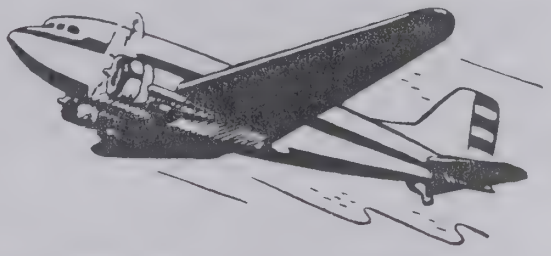
We antique operators of the Doctor Clifford Spike Memorial Museum hope that some of you newly upgaded hams will allow us to teach you how to operator sme of the museum and main-floor HF rigs, which range fim glowing tubes to cool solid state, under Doc's old dll W7OS. Make your mistakes here before you operate sper-station W7DK.

It came to our attention that there is a strange cnnection among several apparently random items: The Dc Spike Memorial Museum at the Radio Club of Tacma, Torpedoes, The Old Oak Rig, Havana before and cring Castro, the late Senator Henry Jackson of Washington, the vice-president, long ladders, Jim Creek, a Savnnah contractor, Mickey Rooney and car racing, a coupe of 45's, and a scheduled future program about a simpe, wonderful digital mode, explained by a tall gentleman vio enjoys spending periodically a solid 2 1/2 months uderwater.

There is a well-known common link, common cnominator, among all those topics, but the explanation imore interesting and more fun. When a dirty, miserale piece of "junk", waiting on a platform for the trash cllector, was rescued by an enthusiastic, sharp-eyed, pofessional Navy submariner and amateur radio operath, our museum not only was enhanced with the symbol ad spirit of the old-time "real" amateur home-brew days [pt referring to the pre-1933 home-brewing in bathtubs aross America], but led to three or four years of antique easurable frustration by the antique operators, antiques itraining, and associates - often named Lou or Al or Pete, and others who did the real work improving the Musum. Since everything was voluntary, hot-air often fed the museum even in winter time reaching from enezuela to Florida. However, one cell of this hot air as indeed real and documented in newspapers and offiial reports, excerpts from which is quoted for your enjoytent:

"...Our position was over Orlando. The time was 1 PM EST. ...someone rapped loudly on the cockpit door as Second Officer Lynch talked on the phone. The rapping became loud and insistent. I realized then that we had a hi-jack to contend with.

".....The hi-jacker entered the cockpit with a drink in one hand and a gun in the other. He sat in the observer's seat. ....in the dim light I saw that he was a white man with crew-cut hair, heavy-set or stocky of build and brandishing a long barreled revolver of about 38 caliber.



He said that he wanted to go to Cuba. I answered, 'We're on our way.' He kept repeating, 'I want to go to Cuba...Don't try to jump me or fool me or I'll kill you... I have killed men before and I'll shoot you, if I have to!' '.... tell Havana radio to advise Fidel that El Rojo [The Red] is coming.' .....He pointed his gun with cocked hammer and his finger on the trigger at First Officer Sigwald and Second Officer Lynch..... He said that he had been a Marine, that he had been a Communist for six years; that he had worked for the CIA; that he had been or was a Green Beret; .....that he knew 'they' would send planes to intercept us and if so, he would have to shoot us.....

".....at about this time Red suddenly announced he must go to the head, laid his gun in Lynch's lap and left the cockpit. We now were perplexed and confused.... Did he have another gun? A knife? A grenade? Should we jump him when he returned?....."

[Did the crew capture Red? Or did he succeed in jumping out at 20,000 ft ? What happened as they were forced to fly through a thunderstorm? What did Castro unexpectedly do? And who was "Red" anyhow and how did the news services and hometown paper depict him... who is telling this story.....and what has this to do with Amateur Radio, anyhow?? ...Tune in next month for "The rest of the Story"]

73,
Worth,
W7WG@juno.com
and WORTHGUR@AOL.com

ON THE WEB www.w7dk.org Come see us!



◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet.

ARISS HAM GEAR REACHES DESTINATION

The Amateur Radio on the International Space Station initial station equipment plus supplies that the ISS Expedition 1 crew will need later this year were delivered to the ISS this week. After entering the station itself, astronauts and cosmonauts worked to unload the cargo--including the ham gear--from the shuttle Atlantis and from a docked Russian Progress rocket and to set the ISS up for its first crew.

There are three hams on the shuttle Atlantis mission. No Amateur Radio operation will take place from the ISS until the Expedition 1 crew arrives in early November, however, nor will there be any ham activity from the shuttle on this trip.

The ARISS initial station gear will be installed temporarily aboard Zarya and will use an existing antenna that's being adapted to support FM voice and packet on 2 meters. The gear will be re-installed in the Zvezda Service Module next year, and it will have both 2-meter and 70-cm capabilities. A Russian call sign, RZ3DZR, has been issued for the ISS ham radio station.

For more information about Amateur Radio on the ISS and SAREX, visit the ARISS Web site.

AO-27 IS BACK ON THE AIR!

The AO-27 satellite has returned to analog Amateur Radio service. AO-27 ground controller Chuck Wyrick, KM4NZ, reports the satellite showed up on its first North American daylight pass on September 9.

Wyrick advises operators to wait until they hear the satellite in analog mode--ie, no data being sent--before transmitting on the 145.850 MHz uplink frequency. AO-27's downlink is 436.800 MHz.

Wyrick says the AO-27 analog FM repeater will be turned off for a few days at a time over the next few months so ground controllers can gather whole orbital data to verify the health of the satellite.

AO-27's computer crashed July 31, and it took more than one attempt to reload the software and get the satellite up and running again.

"A lot of work has saved AO-27 for many more enjoyable amateur QSOs," Wyrick said in a posting to the AMSAT bulletin board.

US VICTIM OF WEST TIMOR VIOLENCE ALSO AN AMATEUR

It's been learned that not one but two of the victims of mob violence September 6 in West Timor, Indonesia, were Amateur Radio operators. Carlos Luis Caceres, KD4SYB, a Technician licensee from Jacksonville, Florida, was 33. He was an ARRL member and a native of Puerto Rico. Caceres' name had been misspelled in several media reports about the killings.

Caceres, Pero Simundza, 9A4SP, of Croatia, and Samson Aregahegn of Ethiopia--all United Nations relief workers--died September 6 when thousands of armed pro-Indonesian militiamen and their supporters stormed a UN office in Atambua, West Timor, killing the three and injuring several others. Witnesses say Indonesian security forces stood by and did nothing to stop the violence. The killings were believed to be related to the earlier murder of a militia leader the day before.

All three victims worked for the UN High Commission for Refugees, providing humanitarian aid to refugees from East Timor, which voted last year to break away from Indonesia and is now administered by the UN. An estimated 90,000 refugees remain in West Timor border camps after fleeing violence in East Timor a year ago.

In an eerie e-mail message reportedly sent to UNHCR Headquarters the day he was killed, Caceres spoke of the UN workers being barricaded at their stations waiting for "a wave of violence" to hit. "The militias are on the way," he wrote, "and I am sure they will do their best to demolish this office." Caceres told his colleague that the remaining UN staff members were "like bait, unarmed, waiting for the wave to hit."

Caceres' sister, Elba M. Caceres, was among those wanting to know why no one was there to protect the workers who stayed behind. "I could not comprehend how the United Nations was not there to protect them," she said in a message to several US Department of State officials in which she described her brother as "an extraordinary man" and demanded an explanation for what led to the killings.

Caceres' father, Gregorio Caceres, KA4UXJ, said his son was fluent in several languages and held degrees in journalism and law. "His ability with different languages and his vast legal knowledge helped him perform at the international level," the elder Caceres said.

Memorial Web sites for the two amateurs killed were established at http://www.qsl.net/kd4syb and http://www.qsl.net/9a4sp.

ALPHA/POWER TO CEASE LINEAR MANUFACTURING

Amateur linear amplifier manufacturer Alpha/Power Inc of Longmont, Colorado, has announced plans to cease engineering and manufacturing operations once the current run of Alpha 87A and 99 amplifiers is completed.

Alpha/Power said that that warranty and post-warranty service will continue to be available. Dick Ehrhorn, W0ID/W4ETO, says that "a combination of health issues and family obligations" has made it impossible for John Brosnahan, W0UN, the president and technical director of Alpha/Power, to continue at his present pace with Alpha/Power. Ehrhorn said he's "not willing to risk that Alpha legacy" with someone else, "Nor am I aware of any person or entity with the desire, the proven ability, the commitment, and the resources to acquire Alpha and perpetuate the standards to which we've been dedicated for thirty-one years."

ETI LEAGUE RECEIVES MOONBOUNCE GRANT

The SETI League Inc has received a small equipment grant from the American Astronomical Society to help it construct a transmitter to bounce microwave signals off the moon's surface.

The project, "A Lunar Reflective Test Beacon for Radio Astronomy and SETI," will enable amateur and professional radio astronomers to calibrate their receiving systems by providing a stable reference signal from a known point in the sky. "We should be ready to start bouncing interesting microwave signals off the lunar surface early in 2001," said Paul Shuch, N6TX, the SETI League's executive director. The SETI League, a nonprofit organization that's spearheading a privately funded search for evidence of extraterrestrial life--has 1200 members in 59 countries. Many of them also are Amateur Radio operators. For more information, visit the SETI League Web site or email info@setileague.org.

IARU REGION III CONFERENCE CALLS FOR MORSE CODE PHASEOUT

The 11th International Amateur Radio Union Region III Conference ended September 1 by resolving to seek the ultimate removal of Morse code proficiency as an International Telecommunication Union licensing requirement for HF operation. As "an interim measure," the conference agreed to support the reduction of all Morse code testing speeds to 5 WPM.

"IARU Region III strongly supports Morse code as an effective and efficient mode of communication," the resolution said in its preamble. "However, it believes that the position of Morse as a qualifying criterion for an HF amateur license is not relevant to the healthy future of amateur radio."

CHANGEOVER TO CORES REGISTRATION TO BE TRANSPARENT

When the FCC moves its Taxpayer Information Number/Social Security Number registration system for amateurs from the Universal Licensing System to the new FCC Commission Registration System, the changeover will be largely transparent to users.

Steve Linn of the Commission's Wireless Telecommunications Bureau says once the changeover is in effect, the CORES/FRN system will be linked from the ULS home page. In addition, those already registered in the ULS will--in most cases--still be able to use their ULS password to access CORES.

Amateurs will not have to start signing up in CORES until sometime next year, however, and those already registered in ULS won't have to do a thing. For now, Linn says hams should simply stick with ULS "TIN/Call Sign" registration until CORES registration becomes mandatory.

"Don't even worry about CORES," Linn said. "If you have a letter from CORES, hang onto it for your FCC Registration Number." The FCC recently sent letters to every licensee who was registered in the ULS as of June 2, 2000. The letter contains the individual's new FCC Registration Number--or FRN--and a few words about CORES. Linn says the FCC has suspended mailing out CORES/FRN letters for now.

Described as an agency-wide registration system for anyone filing applications with or making payments to the FCC, CORES assigns registrants a unique 10-digit FCC Registration Number. The FCC says it will modify its licensing and filing systems--including ULS--over the next several months to accept and use the FRN. The FCC says use of the FRN will allow it to more rapidly verify fee payment.

Until CORES assumes the registration function, Linn encouraged hams to register in ULS, which will continue to house the FCC's Amateur Service database even after CORES registration is implemented. Just when in 2001 that will happen Linn was not able to say. "There are a lot of factors involved," he said.

Individuals who register in CORES are not automatically registered in the ULS database (an individual does not have to be licensed to register in CORES). ULS TIN/Call Sign registration is eventually reflected in the CORES database, however, Linn confirmed.

The CORES on-line filing system and further information on CORES is available by visiting the FCC Web site and clicking on the CORES registration link.

FCC ASSIGNS RM NUMBER TO LEAGUE PETITION

The FCC has assigned rulemaking number RM-9949 to the ARRL's petition requesting that the Commission elevate the domestic status of Amateur and Amateur-Satellite services from secondary to primary in the band 2400 to 2402 MHz. The League filed a Petition for Rule Making with the FCC on July 17. Amateurs already are primary at 2390 to 2400 and from 2402 to 2417 MHz. The ARRL says it's necessary to secure the intervening spectrum slice "to provide some assurances of future occupancy of the band segments for the next generation of amateur satellites," including Phase 3D

RILEY HOLLINGSWORTH: "SEIZE THE MOMENT"

Looking "beyond enforcement," FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth, K4ZDH, has offered his ten personal suggestions to secure a sound future for Amateur Radio.

Speaking at the ARRL New England Division Convention August 26 in Boxboro, Massachusetts, Hollingsworth recapped the nearly two years since he took over Amateur Radio enforcement. Hollingsworth proclaimed the Amateur Service "fundamentally sound" today and said complaints now are decreasing.

With some major enforcement issues out of the way, Hollingsworth encouraged amateurs to "seize the moment" to ensure a bright future for Amateur Radio. "Look beyond enforcement," he urged, "because if I do my job right, in five years you won't even remember my name." Hollingsworth said that while no one can predict the future, amateurs must invent theirs in an era of converging digital and RF technology.

And he reiterated a phrase that has become a Hollingsworth mantra: "There is no reason why our Amateur Radio Service can't be the envy of the rest of the world." Getting there, he suggested, comes with each amateur's taking responsibility for his or her behavior on the air. Amateurs should encourage arrogant, negative operators to "take their anger and hate to the Internet,"

he said. "Every minute they are on the Internet is a minute they aren't on Amateur Radio."

Among other suggestions, Hollingsworth said hams should be proud of what they have accomplished. "Let the public know what you are, what Amateur Radio is, and why it's valuable," he said. He also urged hams to "operate as if the whole world is listening" and to never let ham radio "become the audio version of the The Jerry Springer Show."

He also called upon veteran hams to take newcomers under their wing and teach them "all you know" about the hobby.

Hollingsworth also expressed his support for the ARRL, which has backed his enforcement initiative on behalf of the FCC. "Take care of the one voice you have," he advised. "You must never doubt that a small group of dedicated people can change the world. They just did."

"Enjoy ham radio," Hollingsworth told his audience. "Celebrate it. But realize it comes with responsibility."

BALLOTING SCHEDULED IN THREE ARRL DIVISIONS



Members in five ARRL divisions have nominated candidates for the positions of ARRL Director and Vice Director, and balloting is set for contested positions in three divisions. The ARRL Election Committee has reviewed the nominations and declared all of the candidates to be eligible. All unopposed candidates have been declared elected. All terms are for three years beginning at noon January 1, 2001.

Balloting for Director will occur in the Central and Northwestern divisions; balloting for Vice Director in the Northwestern and Hudson divisions.

In the Northwestern Division, incumbent Director Greg Milnes, W7OZ, will face Mary E. Lewis, W7QGP. Milnes defeated Lewis for the Vice Director's slot in 1998, then moved up to Director following the death of Director Mary Lou Brown, NM7N. Incumbent Northwestern Division Vice Director James E. Fenstermaker, K9JF, is being challenged by Edward W. Bruette, N7NVP.

ARRL full members of record in the Central, Hudson and Northwestern divisions as of September 10, 2000, will be sent ballots by October 1. The deadline to receive completed ballots at ARRL Headquarters is noon Friday, November 17, when the votes will be counted.

RF SAFETY RULES NOW IN FORCE FOR ALL AMATEURS

The time has come! Starting Friday, September 1, every US amateur was required to fully comply with the FCC's RF exposure guidelines.

The regulations, which went into effect January 1, 1998, require US Amateur Radio operators to read and understand the rules and, where necessary, perform technical evaluations to determine that their stations are compliant with the new regulations. Up until now, only hams who have had to file an Amateur Radio application with the FCC have had to certify compliance with the RF exposure rules. As of September 1, all amateurs must comply.

Under the regulations, an amateur station must not exceed the maximum permissible exposure limits for transmitter operation. MPEs are both frequency and power-dependent.

"These regulations are not a major burden on the Amateur Radio Service," said ARRL Lab Supervisor Ed Hare, W1RFI, the League's point man on RF exposure issues. "Most hams are already in compliance with the MPE requirements; some hams will need to conduct a simple station evaluation."

By and large, the FCC has put hams on the honor system, but compliance with the RF exposure rules is not optional.

"Even aside from the fact that every US amateur is required to follow the RF safety regulations, amateurs owe it to themselves, their families, their neighbors, and the general public to follow the FCC guidelines to the letter," said ARRL Pacific Division Director Jim Maxwell, W6CF, in urging compliance.

A complete description of the rules is available on the ARRL Web site. The site also contains resources to make your station evaluation quite painless.

FCC TURNS DOWN CB DX PETITION

The FCC has denied a petition that would have amended the FCC's Part 95 rules to permit DXing on the 11-meter Citizens Band. The petition sought to amend §95.413 of the rules that prohibits communications or attempts to communicate with CB stations more than 250 km away and to contact stations in other countries.

Designated RM-9807, the petition was filed by Popular Communications Contributing Editor Alan Dixon, N3HOE.

"Dixon's request is inconsistent with the purpose of the CB Radio Service and could fundamentally alter the nature of the service," the FCC said in turning town the petition.

AMATEUR RADIO NEWS TRANSMISSION QRMING AIRCRAFT BAND

Efforts are under way to locate the source of an Amateur Radio news transmission that's causing interference to AM aircraft communication at 134 MHz in the vicinity of Long Island, New York, and Southeastern Connecticut. The interference is believed to the result of an unintentional spurious from a repeater or other transmitter. The transmission appears to be of the weekly Amateur Radio Newsline broadcast. The interference has been showing up only on Saturday evenings at around 10. Newsline has been asked by the Federal Aviation Administration contact stations in the Greater New York City area that air the weekly news feed to help track down the interference source. According to Newsline, commercial pilots flying between 17,000 and 24,000 feet report hearing the signals. Those having information on possible sources of this interference are asked to contact Guy Fisk of the FAA's Boston regional office, 781-238-7490, or Amateur Radio Newsline.

EDITOR'S NOTES

kathleen@naceplace.com

As I write this, the fleamarket and the FAIR are over. Full reports will be in the next BARK. Thanks again to everyone who made these events successful.

With fall come elections—this year at all levels. I would urge everyone to think carefully about ALL the issues and go to the polls to make your voice heard. And again, the Radio Club of Tacoma needs your support. We have several offices that need new people to take the reigns. This is an opportunity to help make the club tick from the inside. If you would like to "throw your hat in the ring", please get in touch with the nominating committee detailed in the President's message. Without volunteers like you and me, our club cannot function. Help prevent "burnout" of people who have been volunteering. Step in and take a turn!

Next month will be the actual voting. Get your pens ready.

Til next month. 73, Kathleen

ARRL MEMBERSHIP

If you haven't joined or rejoined the ARRL, please do so through the Radio Club of Tacoma! The ARRL is the major voice for Amateur Radio in the US and, besides providing a wealth of information to its members, they provide us with a voice in Washington to help protect the interests of all amateurs. Additionally, RCT is an ARRL Special Service Club and RCT needs to have at least 51% of its members belong to the ARRL to retain its Special Service Club status. See the Treasurer for application forms, and bring your ARRL renewal notices and rejoin through the club. The club receives a commission for each new or renewed membership sent through the club.

JOIN TODAY!

See our club treasurer for details.

SPECIAL SERVICE CLUB

In Remembrance K7XYL

My Joanne,

She was happy as we talked; we laughed and joked, as was our way. She was tired, I held and kissed her good night as she drifted off to sleep. While she slept the angels came and she went to be with our Lord.

She began her celestial journey before the Almighty bathed the earth in new light on the morning of 20 September 2000.

Her key is now silent, she puts on immortality, a cloak we will all one day wear. Her soul wings its way to heaven and we will cherish her memory forever.

Virgil (k7vp@juno.com)



Joanne W. Pattin, K7XYL - 1930-2000

Joanne went to be with the Lord on 20 September 2000. Beloved mother of two, she is survived by her husband Virgil E. Pattin, her son Eric D. Pattin of Everett, Washington and her daughter Chalyce M. Pattin of Kirkland, Washington. Joanne died at the family home in Vail after a long bout with cancer. Joanne, K7XYL, was active in Amateur Radio. She was also an accomplished seamstress.

There will be a wake at the family home, 8 October 1 PM. The family requests that donations to cancer research at the U of A be made in lieu of flowers. Make remembrance donations payable to:

Arizona Cancer Center / UAF

Send to: Development Office
Arizona Cancer Center
1515 N. Campbell Ave. - Rm 1978
Tucson, AZ 85724-5013

(Thanks to Frank, W7FJB, for keeping us updated. Please send condolences to Virgil at:

Virgil Pattin, K7VP
12757 S. Red Horizon Trail
Vail, AZ 85641-9217

Our prayers are with Virgil and the family. Editor)

AREA SWAP MEETS

...and in the year 2000...

1 Oct Chehalis, WA
14 Oct Bremerton, WA
1-3 Jun 2001 SEAPAC Seaside, OR

SCHEDULE YOUR SWAPMEET VISIT



Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members area their areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment

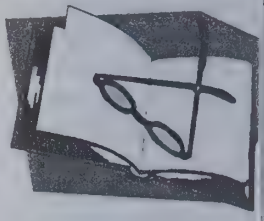
Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Frank, AB7YZ	253-752-8520	2,3
Roger, WA7ANJ	253-475-4293	1,2,3,4,7,8,11

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the board!

(Ed. Note – We need more volunteers on the elmer board. Please add your name to the list!)

Amateur Radio Exams

in the Puget Sound Region as of November, 1999



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Thursday - 7:00 PM, **Bonney Lake** Library,18501 90th St East – Contact Roxann Holwege, AB7HO, at 253-862-8905

2nd Tuesday - 7:00 PM - Radio Club of* Tacoma Clu*house, 1249 S. Washington St. - Contact Shirl*y *Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Conta Bill Thompson, K7OLY, Tumwater, 360-236-9048

2nd Saturday - 10 AM - **Tukwila** - Denny's Restaurant, 13100 48th So., Contact Mary Lewis, W7QGP, 206-52 9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Ha 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-077 Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 7 Tobin Street - Contact Jan VanAllen, K7YH, in Kent, 206-824-9039.

3rd Saturday - every 4th month - 9:30 AM - **Montesa** High School - Pearsall Center, 2109 Sumner Ave. Co tact Nick Bender, NX7W, 360-249-4671, Montesano

3rd Saturday - 10 AM - **Shelton** - Shelton Airport - Contact - Dick Bostrom, N7LD, 360-426-4627, Shelton

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Ce ter, 6400 36th Ave. West - Contact Dwayne Brodersc KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Conta Bill Thompson, K7OLY, Tumwater, 360-236-9048

4th Saturday - 10 AM - **Everett** - Everett Housing Autho ity - 14th and Popular - Contact Loren Hole, KK7M, 42 335-5158, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Tec nical Bldg, Olympic College - Contact Walt Winte AA7TL, 360-692-8326, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 123 80th Ave East, Puyallup, WA 98373 - 253-845-7652



HELP FOR THOSE DIFFICULT LICENSE EXAMS!

FREE UPGRADE CLASSES

FOR THE

GENERAL AND EXTRA

AMATEUR RADIO LICENSE

Class Starts - October

Classes - 7:00 to 9:30 PM

12306 80th Ave. East, Puyallup

(South Hill)

Sponsored by:

The Radio Club of Tacoma

To Register, Call:

Jerry Seligman, W7BUN - 253-845-7652

JOIN THE EXCITING WORLD OF HAM RADIO!

CLASS

FOR

NO-CODE TECHNICIAN

AMATEUR RADIO LICENSE

IN ONE WEEKEND

Saturday, October 7, 2000

And

Sunday, October 8, 2000

Sponsored by:

The Radio Club of Tacoma
1249 South Washington Street
Tacoma

To Register, Call

Al Burleson - 253-474-9023
or
Jerry Seligman - 253-845-7652

Course Fee - $5 (For Handouts)
Books are available for $19
Examinations - October 10 - 7 PM - $6.65 Fee

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma, WA 98411

NON PROFIT ORG.
U.S. POSTAGE
PAID
TACOMA, WA
PERMIT NO. 1078

RETURN SERVICE REQUESTED

COMING EVENTS

NOV 1 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

NOV 4 - Pinochle Potluck - 7PM at the Clubhouse

NOV 7 - VOTE!!!

NOV 8 - Club Meeting - Library Administration Center, 7:30 PM VOTE for club officers...
Program: GETTING STARTED IN CONTESTING, WHAT AMATEUR RADIO CONTESTING IS ALL ABOUT

NOV 11 - Remember our Veterans!

NOV 14 - License Exams - 7 PM - Clubhouse

NOV 15 - BARK deadline

NOV 22 - Club Meeting - Library Administration Center, 7:30 PM
Program: AL HAYNES WILL RECOUNT THE EXTAORDINARY SAGA OF UNITED FLIGHT 232

NOV 23 - Blessed Thanksgiving!

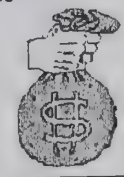
- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- **See page 3 for meeting program schedule.** Check the weekly net for updates to the program schedule.

VOTE!
REMEMBER!
CELEBRATE!



November 2000

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 7:30 PM RCT BOARD MTG	2 *ART K7AML  YUM-YUM NOVEMBER	3	4  9:00 AM OPEN HOUSE 7:00 PM PINOCHLE POTLUCK ARRL SWEEPSTAKES-CW
5 *PATRICK KG7KM *PETER KC7IBI ARRL SWEEPSTAKES-CW	6 ARRL SWEEPSTAKES-CW	7 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R *ROBERT KA7FHM  BE SURE TO VOTE	8 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD  RCT ELECTIONS-WE COUNT TONIGHT	9	10 WORKED ALL EUROPE CONTEST-RTTY	11  9:00 AM OPEN HOUSE WORKED ALL EUROPE CONTEST-RTTY
12 WORKED ALL EUROPE CONTEST-RTTY	13 *CHUCK *CLIFTON W7MFG	14 7:00 PM ARES NET 145.37R 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R	15  BARK DEADLINE IS THE 15TH	16 *KEN, KC7ZJC *RUTH N7WGF	17 *DAVID, KD7EMZ *DONALD N7OTV	18  9:00 AM OPEN HOUSE *WILLIE KA7NXK ARRL SWEEPSTAKES-PHONE
19 ARRL SWEEPSTAKES-PHONE	20 *MARTHA KC7VUJ ARRL SWEEPSTAKES-PHONE	21 7:00 PM ARES NET 145.37R 7:00 PM MVWS LICENSE EXAMS 7:30 PM RCT NET 147.28R *JEFF K7JF	22 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD	23  HAPPY THANKS-GIVING TO ALL	24 *ALAN KB7SVU *PAUL N7EPH	25  9:00 AM OPEN HOUSE
26 *ANDREW W7RW *JOE WA7BLE *JOHNNY KJ7M	27 *CLARENCE NU7K	28 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	29 *JACK W7IMW	30  25 SHOPPING DAYS TILL XMAS		

October 2000

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

December 2000

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

* HAPPY BIRTHDAY

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB ARRL

VOL. XXXVII NR. 11 | W7DK | NOVEMBER 2000

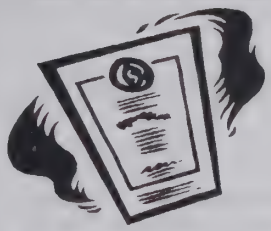


Make your voice heard! VOTE!



IN THIS ISSUE...

- **COMING RCT PROGRAMS** - Page 3
- **ARRL NEWS** - Page 8
- **CONTEST CALENDAR** - Page 6
- **MINUTES** - Back next month
- **MUSEUM MUSINGS** - Page 7



FIRST CONTACT AWARD

Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First Contact Award will be issued.

RENEW YOUR MEMBERSHIP NOW!
Please fill out the member application (found elsewhere in this issue) and return to the club tresurer with your dues.
THANKS!

PINOCLE



at the Clubhouse
1249 So. Washington
1st Saturday, Nov. 4th
Pinochle & Potluck - 7pm
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898

RADIO CLUB OF TACOMA -- 1999

PRESIDENT	ALAN HUGHES	KB7SVU	840-4947
V PRESIDENT	MOREL GUYOT	W6LIX	838-5433
SECRETARY	ED ROOT	KC7OKS	851-7463
TREASURER	CHUCK SOUTER	KA7HJN	863-2650
BOARD (5)	AL BURLESON	K7HW	474-9023
	WORTH GURLEY	W7WG	582-3844
	RICH MANSON	N7ANF	474-8883
	GEORGE NOBLE	KK7FM	756-1127
	AL CHURCHILL	AC7BU	847-3215
LOGGER'S BARK STAFF			
EDITOR	KATHLEEN NACE	NØEYK	209-5624
REPORTERS	SHIRLEY MURPHY	N7QHW	265-3661
	ROGER TERWILLIGER	WA7ANJ	475-4293
	ROGER NACE	K8RN	209-5624
	DICK RYAN	W7RGD	627-0922
	JERRY SELIGMAN	W7BUN	845-7652
PHOTOGRAPHER			
ASSISTANT ED.	ROGER NACE	K8RN	209-5624
COMPOSITOR	KATHLEEN NACE	NØEYK	209-5624
PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call a club officer to pass on the word to the appropriate person(s).

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.28 / .88 MHz **144.97 - Packet**
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Keith E Marshall, KD7KPY — RCT #207
Dana L Marshall, KD7KPZ — RCT #207
13409 Cedar Circle E
Sumner, WA 98390-7546 — 360-897-901
keith.marshall@foxinternet.net
dana.marshall@foxinternet.net

Scott A Clausen, KD7KQA — RCT #207
1207 106th Avenue Ct E
Puyallup, WA 98372-1588 — 253-925-863
shebang@earthlink.net

Gail Wolvin, KB7UON — RCT #208
1222 N G St
Tacoma, WA 98403-2520 — 253-272-189

Reinstatements

Address/Phone Changes/Corrections

E-Mail Address Changes/Additions

New Calls/Upgrades

Silent Keys

ADDRESS CHANGES

Remember to notify us if your address changes a any time during the year. Your Bark will not com to you if your address has changed since the Po Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to Shirley, N7QHW, @ 253-265-3661

COMING PROGRAMS AT RCT

NOVEMBER 8TH - GETTING STARTED IN CONTESTING, WHAT AMATEUR RADIO CONTESTING IS ALL ABOUT - Whether you're a beginner with a small station or a long-time ham with a super station, you can enjoy the competitive sport of contesting. This program will cover VHF/UHF contesting (Technician Class licensees will enjoy this), the jargon and reasons to contest, operating tips for beginners, competing from a small station, improving your score, and see live "on-the-air" QSOs from some of the biggest stations in the world.

NOVEMBER 22ND - AL HAYNES WILL RECOUNT THE EXTAORDINARY SAGA OF UNITED FLIGHT 232 - Al Haynes is the United Airlines pilot who successfully landed his severely crippled DC-10 in Sioux City, Iowa on July 19, 1989. An engine explosion had destroyed all three hydraulic systems resulting in almost complete loss of directional control. Al landed the plane using assymetrical engine thrust to steer. Even though the plane touched down in a mass of flames, 184 souls survived (112 passengers and crew did not survive). Al will discuss how communications with the rest of the crew and with ground controllers resulted in the saving of so many lives.

Radio Club of Tacoma License Exams

NOVEMBER 14, 2000

7 PM RCT Clubhouse

1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.65. For information call: Shirley Murphy, N7QHW @ 253-265-3661

Fee as of Jan. 2000 – $6.65

FOR SALE

Kenwood TS520 with CW Filter,
Matching 520 Speaker and Hand Mike
Complete with Manual
$225.00

Contact Jack, W7IMW, at 253-564-3997

RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.
SIZES Small through XL ARE $39, XXL ARE $46 AND XXXL ARE $52.00.
GET ONE NOW!
Call Shirley, N7QHW, at 253-265-3661, to order yours today!



MEETING MINUTES

VOTE!

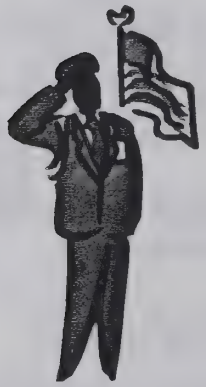
November 7, 2000

Club Elections

November 8, 2000

Remember our VETERANS

November 11, 2000



TREASURER'S REPORT

September 2000 SUMMARY
INCOME

DUES INCOME 100.00
BOOKS 296.00
BADGE SALES 9.00
DOOR PRIZE 97.00
DONATIONS
ARRL DUES 105.00

TOTAL SEPTEMBER INCOME 607.00

EXPENSES

ARRL DUES 99.00
BULK MAIL 100.00
MUSEUM 10.00
UTILITIES 233.41
GIFT CERTICATES 80.00
WWA FAIR 60.63
BARK 89.49

TOTAL SEPTEMBER EXPENSES 672.53

NET LOSS FOR MONTH -65.53





ARES/RACES

...de Shirley Murphey, N7QHW

As always, remember in times of need to tune into 145.37 repeater and see if anything is happening. If help is needed, please jump in with your call and volunteer to help. Don't wait for the phone to ring, just get on the air and volunteer.

Public Service Events are done for the year but stay tuned for announcements of needs on the weekly net at 7:00 PM on Tuesdays on 145.37 repeater and remember, VOLUNTEER. It is that time of the year when River Watches and flooding are apt to occur. We always need lots of volunteers so please consider helping. Remember as a member, we feel it is essential that each person participate in at least one event or drill each year.

FALL NEWS FROM NOAA

(WEATHER SPOTTERS NEWSLETTER)

The Leaves Are Falling



Fall has arrived and winter is not far behind. Autumn ushers in our area's storm season. Strong damaging wind storms, and heavy rains and flooding are not unusual during the season. Remember the November 1990 and 1995 floods? We have other hazards as well. Fall is fog season. Dense fog with poor visibility is not uncommon. Climatological history also shows fall is our second maximum for thunderstorms, funnel clouds, and tornadoes.



Then winter follows with snow, freezing precipitation, chilling winds with blowing and drifting snow, and mountain avalanches. Significant snowfall has occurred in the western Washington lowlands as early as mid November. Remember the Thanksgiving of 1985? Up to a foot of snow covered parts of the region. Have we got you excited for fall and winter weather?

For the first time in four seasons, we do not have El Nino or La Nina impacting our winter season. As you recall, El Nino and La Nina are driven by warmer or colder than normal (respectively) sea surface temperatures in eastern Pacific Ocean tropical waters. These waters are now near normal and are expected to remain so through this winter.



The last time we had non-El Nino or La Nina (or neutral) conditions was in the winters of 1995-96 and 1996-97. Remember the November 1995 floods, the December 1995 wind storm, the February 19963 floods, and the twin snow storms at the end of 1996, following by flooding and landslides? The previous "neutral" condition was in 1990-91. Remember the November 1990 floods and the December 1990 arctic outbreak?

On September 20 and 21, the NWS Seattle held two media and emergency management workshops, featuring Dr. Vern Kousky from the Weather Service's Climate Prediction Center (CPC). Dr. Kousky described the outlook for this winter, a "neutral" year. He noted the outlook calls for cooler conditions in this area than the past three rather mild winters. There is a greater likelihood for significant events, such as flooding, wind storms, and snow events, as well as a period of dry mild weather. Overall, the winter will have near average temperatures and precipitation.

The CPC seasonal outlook is updated each month near mid month. You can monitor the latest outlook by going to the CPC link on our web site www.wrh.noaa.gov/seattle or go straight to the Climate Prediction Center outlook at www.cpc.noaa.gov/products/forecasts.

Remember to check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Shirley, N7QHW. PLEASE take note that if your DEM card has expired and there is not a current card on file in the DEM office, you HAVE BEEN REMOVED from the list of volunteers. To be eligible again, you simply need to fill out a DEM application. Be sure to turn them in to Shirley, N7QHW so that all of our records are up to date. By the end of August, all persons with expired Department of Emergency Management Cards will have been removed from the list. You are more than welcome to become a member again by requesting an application and sending it to Shirley, N7QHW.

Do you want to get involved? Simply contact Alan Hughes, KB7SVU, at 253-840-4947 and let him know.

73, Shirley, N7QHW



AREA SWAP MEETS

...and in the year 2000 and 2001...

4 Nov 2000 Ferndale, WA
Mount Baker ARC
Contact: Al Norton, K7IEY
1008 Liberty Street
Lynden, WA 98264
Phone: 360-354-4622
Email: k7iey@netscape.net

10 Mar 2001 Puyallup, WA
Mike & Key ARC
http://www.mikeandkey.com
Contact: Michael Dinkelman, N7WA
22222 148th Avenue SE
Kent, WA 98042
Phone: 425-867-4797 (days) or 253-631-3756 (eves)
Email: mwdink@eskimo.com

12 May 2001 Stanwood, WA
Stanwood-Camano ARC
Contact: John McCann, N7MZ
27312 56th Avenue NW
Stanwood, WA 98292
Phone: 360-629-2921
Email: huppert@whidbey.net

1-3 Jun 2001 Seaside, OR
Northwestern Division Convention
Oregon Tualatin Valley ARC
http://www.seapac.org
Contact: Randy Stimson, KZ7T
9890 SW Inglewood Street
Portland, OR 97225
Phone: 503-297-1175

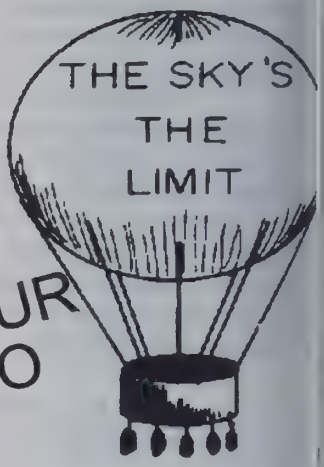
SCHEDULE YOUR SWAPMEET VISIT

ELMER TODAY
VOLUNTEER!

SPECIAL SERVICE CLUB

Count your Blessings!





NOVEMBER CONTESTS

4-6
ARRL November Sweepstakes, CW
Seventh Annual North American Collegiate ARC Championship, CW
IPA Contest, Phone and CW

10-12
Worked All Europe Contest, RTTY
Japan International DX Contest, phone
OK/OM DX Contest

18-20
ARRL November Sweepstakes, phone
North American Collegiate ARC Championship, phone
LZ DX Contest, CW

25-26
CQ WW DX Contest, CW

Want more info, check
www.arrl.org/contests

MUSEUM MUSINGS

The Museum again (for the 3rd or 4th time) in mid-October took several antique items, including opertors, to the North Kitsap Amateur Radio Club Flea Market at the Kitsap County Fair Grounds.

When older hams dropped by and saw the RCT Museum equipment, inevitably they would tell about making contacts in their younger days on their Meissner Signal Shifter, or building a Heathkit AT-1, or having had a Sky Buddy. One old-timer said his first transmitter had been a TNT oscillator using push-pull type 10 tubes similar to Doc Spike's one tube oscillator using a single 45, which for the display Morel had chirpily oscillating to light up a neon bulb and a flash-light bulb soldered to a closed loop.

We even received an e-mail from an old timer who after seeing our display was inspired to get back into ham radio ... whenever he can find a power supply for his older Collins.

Younger visitors enjoyed sending with the large "Left Foot" straight key or with the bug on the code tape oscillator and occasionally looking at their voice on the old oscilloscope.

We even heard that the Keyport Underseas Warfare Museum is considering setting up an operating station in their museum and were asking about the old dusty junk transmitter, now our prime "Old Oak Rig" display. They are NOT going to get it back! But YOU must see it, if you haven't already.

Next month we will continue the "Hijacking To Cuba" story, now that the Middle East hijacking ended happily

73,
Worth,
W7WG@juno.com
and WORTHGUR@AOL.com

ON THE WEB www.w7dk.org Come see us!

Y2K FLEA MARKET A SUCCESS

In spite of the national downward trend in Flea Market participation and sales, we DID make a profit! We used only two buildings this year, and had fewer table sales. We also went a little overboard on door prizes, and we had more paid attendance than last year. I attribute that to the fact that we made an investment with the Civil Air Patrol, in return for eight cadets to assist with security. A lot of customers (20 - 25) came to the ticket booth, saying, "They won't let me in without an armband!" (That's why they were there, folks! And a fine job they did!)

Next year, if the club - and customers - opt for "one more time", we'll use the tables available at the Park (included in site rental), and go lighter on the door prizes. This will provide a healthy reduction in up-front fees, adding directly to the "bottom line".

I want to thank all participants - members and non-members - that assisted in the numerous duties required to get the show on the road, and also helped with clean-up and close-out! I also want to thank those who attended as customers. We are only there because YOU are there!

Here are the numbers for your perusal:

TOTAL INCOME:	$7478.63
TOTAL EXPENSES:	$4723.10
NET:	**$2755.53**

WELL DONE! for the whole crew!

A listing of participants follows. Hopefully, it is accurate and complete, and any oversights or errors can be blamed on the Flea Market secretary - ummm, ifwe had one!

SET UP/CLEAN UP: All Hands.
CASHIER/TICKET SALES: Nora Simmons, Marilyn Olson, April Winter, Lorraine Robertson.
DOOR PRIZES: Frank & Jill Palmer.
TABLE ASSIGNMENT: Frank Palmer.
PARKING: Ray Winter, Jean Treolar.
SECURITY: Ed Root, CAP Cadets
FOOD: Mick, Dawn & Marie Pier, Joanne Souter, Christine Massoth.
VENDOR ASSISTANCE: Ray Winter, Jean Treolar.
VE TESTING: Shirley & Tom Murphy, Chuck Souter, George Nonle, Worth Gurley, Jim Lawrence (N7RHX - not a member of RCT), Bob Tompkins, Al Churchill, Don Perry, Dave Barber.
ELECTRICAL: Al Burleson, Herman Entz (K7PAG - not a member of RCT).
SIGNS: Ed Root.
TALK IN STATION: Jean Treolar.
COUNTRY STORE & RCT TABLE: Lou Simmons, Al Churchill, Peter David.

Thanks again to all hands! 73, Roger WA7ANJ

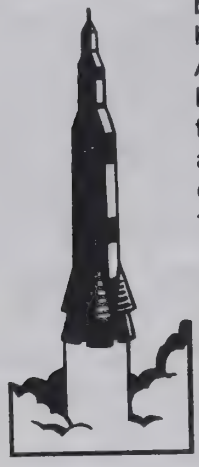
◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet.

PHASE 3D NOW SET TO LAUNCH NOVEMBER 14

The next-generation Phase 3D Amateur Radio satellite is scheduled to go into space Tuesday, November 14, from the European Spaceport in Kourou, French Guiana. Launch agency Arianespace announced the revised launch date for the Ariane 5 Flight 135 this week. The launch was delayed from a tentative October 31 launch window opening after another payload aboard the flight was late in arriving at Kourou.



AMSAT-DL Executive Vice President Peter Gülzow, DB2OS--who's heading up the Phase 3D launch campaign--says Phase 3D has passed all of its pre launch inspections, testing, and preparation and is "ready to fly." Gülzow has been filling in for Phase 3D Project Leader Karl Meizer, DJ4ZC.

AMSAT News Service reported this week that Phase 3D was being moved into the final assembly building at the European Spaceport, where it will remain "on hold" until the launch date. Once the other Flight 135 payloads arrive, all will be mated to the Ariane 5 launch vehicle. In addition to Phase 3D, the Ariane 5 will attempt to orbit the PanAmSat PAS 1R communications satellite and two British Space Technology Research Vehicle microsatellites, STRV 1C and STRV 1D.

Phase 3D will be the largest Amateur Radio payload ever put into space. Once in space, Phase 3D will be nudged by its onboard thrusters into an elliptical orbit that will put it some 2500 miles from Earth at its nearest point, and nearly 30,000 miles at its farthest. After Phase 3D is in its intended orbit, it's expected to be a few months before it's commissioned and ready for general amateur use.

For more information, visit the AMSAT-NA Web site, http://www.amsat.org/.

FCC COMMENDS BAND PLANS IN ENFORCEMENT LETTER

FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth used the occasion of an enforcement letter to commend the value of band plans. "Although band plans are not mandatory, they exist to enhance the required cooperation and sharing of frequencies in the Amateur Service," Hollingsworth said in an enforcement inquiry to a Connecticut ham.

The FCC wrote Advanced licensee Alan J. Koepke, K1JCL, on October 11, 2000, citing complaints received by the Commission alleging that Koepke was operating an uncoordinated AM-mode repeater on 144.65 MHz that was causing interference to coordinated repeaters in Massachusetts and New York using that frequency as an input.

"Evidence indicates that you have been coordinated, but not for that frequency configuration," Hollingsworth wrote. The ARRL Repeater Directory indicates that the Connecticut Spectrum Management Association coordinated the K1JCL 2-meter machine for output on 145.25 MHz and a 600-kHz negative offset input.

Hollingsworth says Koepke apparently has flipped the input and output frequencies for which his 2-meter repeater was coordinated, contrary to the prevailing band plan. In addition, Hollingsworth said, Koepke has been using a non-standard spacing that may be con trary to its coordination. He has asked Koepke to explain that and to answer other questions about the repeater's coordination and operation.

"A repeater operating contrary to coordination is an uncoordinated repeater," Hollingsworth told Koepke. Citing Section 97.205 of the rules, Hollingsworth said th where there is interference between a coordinated and an uncoordinated repeater, "the licensee of the unco ordinated repeater has the responsibility to resolve the interference." "Band plans minimize the neces sity for Commission intervention in Amateur oper tions and the use of Commission resources to re solve amateur interference problems," Hollingsworth wrote in expressing the FCC's positi on band plans. "When such plans are not followed a harmful interference results, we expect very substanti justification to be provided, and we expect that justifica tion to be consistent with Section 97.101."

Hollingsworth said he included the statement t reiterate where the FCC stands on the question of ban plans. "You can't possibly have a rule for every circumstance," he said.

Last December the FCC dismissed an ARRL p tition calling on the Commission to equate observance voluntary band plans with "good amateur practice." Th FCC said defining band plans as the ARRL had propos "would have the effect of transforming voluntary band plans into de facto required mandates," something inc sistent with current FCC policy.

SHARED AMATEUR ALLOCATIONS UNAFFECTED BY WHITE HOUSE ORDER

A White House announcement directing feder agencies to work with the FCC and the private sector t identify spectrum for next-generation wireless services will not likely have any impact on amateur allocations. The October 13 Executive Memorandum issued by Pr dent Bill Clinton follows the path agreed to during the World Radiocommunication Conference earlier this ye to make frequencies available for so-called 3G (third-generation) or IMT (International Mobile Telecommuni tions)-2000 portable wireless devices. The announcement sparked alarm among some members of the am teur community that a government-industry spectrum grab was under way. Some expressed fears that spec trum amateurs now share with the US Government, p marily the military, could be lost. Breathless media ac counts referring to the White House announcement a "extraordinary" didn't help matters. "It's nothing for ar

teurs to get excited about," ARRL Executive Vice President David Sumner, K1ZZ, said. Sumner points out that the memorandum merely implements previously announced plans to reallocate frequencies spelled out at WRC-2000.

As reported in August QST (see "World Radiocommunication Conference" starting on page 51), IMT-2000 proponents sought at least 160 MHz of spectrum for handset-to-satellite applications. Amateur Radio dodged a bullet at 2.3 to 2.4 GHz when delegates were able to find the needed spectrum elsewhere. The bands identified at WRC-2000 for IMT-2000 terrestrial use are 862-960 MHz in Region 1, 806-902 MHz and 928-960 MHz in Region 2, and 806-960 MHz in Region 3, in addition to 1710-1885 MHz and 2500-2690 MHz. Some mobile-satellite service bands also have been identified for the satellite component of IMT-2000.

According to ARRL Technical Relations Manager Paul Rinaldo, W4RI, not all of the frequency bands identified at WRC-2000 are destined for reallocation for 3G users in the US.

The President's order calls on the Secretary of Commerce to "work cooperatively with the FCC" to develop, by October 20, a plan to select third-generation wireless system spectrum. An interim report due by November 15, 2000, would spell out current spectrum uses and the potential for reallocation or sharing "of the bands identified at WRC-2000 that could be used for third generation wireless systems."

"Time is of the essence," Clinton said in a statement accompanying the memorandum. Spectrum reallocations plans are to be firmed up by next July, with auction licenses issued to competing applicants by the fall of 2002.

In an unrelated matter, the FCC transferred government spectrum at 3.6 GHz to nongovernment commercial use. The FCC allocated 3650 to 3700 MHz for fixed and mobile commercial wireless services.

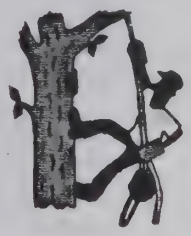
US call signs issued for space station operation: Two new call signs have been issued for US Amateur Radio operations as part of the Amateur Radio on the International Space Station program. The FCC granted vanity call signs NN1SS and NA1SS to the International Space Station Amateur Radio Club on October 11. The ARISS initial station equipment plus supplies that the ISS Expedition 1 crew will need later this year were delivered to the ISS last month by the space shuttle Atlantis. The gear has been stowed aboard the ISS until the Expedition 1 crew of US astronaut Bill Shepherd, KD5GSL, and Russian Cosmonauts Sergei Krikalev, U5MIR, and Yuri Gidzenko comes aboard sometime in early November. A Russian call sign, RZ3DZR, and a German call sign, DL0ISS, also have been issued for use aboard the ISS. For more information, visit the ARISS Web site, http://ariss.gsfc.nasa.gov/. Ham among six "flying doctors" killed in plane crash: Oakland, California, dermatologist Dr Marvin S. Weinreb, KE6WPH, a Technician licensee, was among six doctors and medical volunteers who died when their private plane crashed October 14 while returning from a humanitarian mission in Mexico. The volunteers, known as Los Medicos Voladores or "the flying doctors" were killed when the Cessna 320E, piloted by one of the physicians, crashed outside Ensenada, Mexico. A formal investigation by the FAA and Mexican authorities was continuing. The six had spent the previous day treating dozens of patients free-of-charge in San Ignacio village.

FCC approves GPS-capable FRS: The FCC has granted, in part, a request from Garmin for a waiver of the Part 95 Family Radio Service rules [Sections 95.193(a) and 95.631(d)] that will let the company make and market for a one-year trial period FRS transceivers capable of transmitting location information derived from the GPS on FRS channels. The FCC says Garmin must include information in the instructions accompanying the units that the capability to transmit GPS-derived location information is provided "for personal and public safety purposes" only and that no other use is authorized. Current FRS rules permit transmission only of F3E voice communications and CTCSS tones. The units must be designed to limit transmission of emission type F2D GPS-derived location information digital data bursts to not longer than one second and not more often than one burst every 10 seconds, to be actuated by the FRS user. The FCC declined to permit Garmin to manufacture units that can automatically poll other FRS units to determine their locations based on GPS-derived location data. The Wireless Telecommunications Bureau adopted the waiver September 28.

FCC QUESTIONS POSSIBLE "CORPORATE RAIDERS" ON HAM BANDS

With complaints involving Amateur Radio licensees on the decline, FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth has been focusing more on unlicensed activity. In a few recent cases, he's questioned businesses about transmissions monitored on amateur bands.

In late September, the FCC sent a Warning Notice to Friendly Tree Services of Orange, New Jersey, after members of the amateur community there monitored what appeared to be business-related communications on 2 meters. Citing "information before the Commission," Hollingsworth dropped Friendly Tree a line on September 29 to inquire about transmissions monitored on 144.085 MHz. Monitoring information provided to the FCC indicated that an apparently unlicensed station was conducting business on 2 meters using a "base station and at least four trucks." The amateurs made the connection with the tree service after overhearing directions to a particular street address given over the air. The amateurs drove to the address and spotted one of the company's trucks and a worker at the site.



Another Warning Notice went out in late September to Inland Materials Inc of Casselberry, Florida. That Notice cited information alleging that the company was transmitting on 438.537 MHz without a license. According to Hollingsworth, amateur reports indicated that one channel of the company's business radio system transmits on an amateur frequency, but he said it was unclear if this was by design or simply an error.

Hollingsworth has advised the two companies that unlicensed operation is a violation of federal law that could result in a fine of up to $10,000 and jeopardize any FCC licenses the companies already hold. Hollingsworth requested both firms to contact him within 10 days to discuss the matter.

The FCC also notified AT&T Wireless PCS in late September to inquire about allegations that the PCS system's KNLF245 in Newport News, Virginia, may be causing harmful interference to the KA4VXR Amateur Radio repeater in nearby Hampton. The FCC requested that AT&T contact the repeater system's trustee to "explore a solution to the problem" and to advise the FCC of its findings.

The FCC is continuing to investigate allegations raised earlier this year that the Citipage Plus paging system in Las Vegas, Nevada, has been causing harmful interference to the N7OK repeater on 147.09 MHz.

FCC set to authorize MURS: With no fanfare, the FCC is set to authorize a new Citizens Band Radio Service to be called the Multi-Use Radio Service, or MURS. The service, which came about as part of the biennial review of Part 90 of the FCC's rules, will deploy five former Private Land Mobile Radio Service VHF "color dot" channels for voice, data and imaging transmissions. The channels, 151.82, 151.88, 151.94, 154.57 and 154.60--will be authorized for up to 2 W on an unlicensed basis under Part 95 of the FCC's rules. The establishment of MURS was buried within a huge Report and Order and Further Notice of Proposed Rule Making released this summer as WT Docket 98-182 and PR Docket 92-235. The FCC said it will "revisit" the issue of allocating additional MURS channels "at a later date should additional support develop." The effective date to deploy MURS is pending completion of the FCC proceeding.

FCC TRIMS TUCKER FAMILY CALL SIGNS

Hoping to put an end to another club station call sign controversy, the FCC has reduced the overall number of call signs held by members of California's Tucker family from 41 to 22-- including personal and club station call signs.

FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth outlined the call sign allocation plan in a September 29 letter to the Tuckers' attorney. It's identical to what the Commission had proposed last November 3.

According to the FCC plan, family patriarch Roy Tucker, N6TK, would be allowed to keep three of seven club call signs granted November 4, 1996, and Kathryn Tucker, AA6TK, Kent Tucker, AA6KT, and Eric Tucker, AA6ET, each would be allowed to retain three of eight club call signs granted to each November 4, 1996. Nancy Tucker, W5NAN, would be permitted to retain the two club station call signs assigned to her January 9, 1998. All family members would retain their personal call signs as well.

Hollingsworth said the FCC plans to take back the subsequent grants of K6ANT to Roy Tucker and of WW6TXB and WX6XX to Kathryn Tucker. He said the FCC would let the family members retain the three earliest call signs granted, unless they specify three others.

"It games the system," Hollingsworth said of the practice of collecting multiple club station call signs, "and we're not going to let anyone game the system." He said club station call sign applications must be on behalf of bona fide clubs.

The FCC first inquired into the Tucker family's 36 club station call sign holdings in the summer of 1999, requesting that individual family members justify their need for the call signs. The Commission requested club meeting times and dates, proposed meeting times, and copies of minutes taken at club meetings within the previous three months.

The Tucker family has declined to provide membership information for each club or even the number of members of each club, Hollingsworth said. "The Tuckers also claimed to have organizational documents, but none were submitted with their response."

The Tuckers had proposed last fall to consolidate their club call signs in a manner that would result in a total of 27 rather than 36 club call signs granted to family members. Hollingsworth said, however, that the Tucker family's proposal "was unclear as to the club call signs that Roy and Kathryn Tucker sought to retain in their individual names and in their joint names." He said that the Commission received no clarification, despite subsequent letters in May, July, August and September, so the FCC has imposed its own solution.

Hollingsworth said this week that the FCC continues to be interested in club call sign cases "where there is no legitimate interest in a club, but where they were applied for in bad faith, merely to acquire or hoard club call signs."

ARRL ADVISES CAUTION IN DEPLOYING ULTRA-WIDEBAND

The ARRL has advised the FCC to put its ultra-wideband--or UWB technology proceeding on hold until more evidence is available on UWB's interference impact. Saying the technology could have enormous benefits for public safety, consumers and businesses, the FCC last May proposed amending its Part 15 rules to permit the operation of ultra-wideband on an unlicensed basis. The League filed comments September 12 in the Commission proceeding, ET Docket 98-153.

UWB proponents claim the devices are capable of operating on spectrum that's already occupied by existing radio services without causing interference. The FCC says UWB deployment could permit scarce spectrum resources to be used more efficiently.

The ARRL said that while it does not object "as a general principle" to authorizing UWB devices under Part 15, "UWB devices cannot be authorized on a blanket basis at this point without making assumptions which could very well be erroneous, and with potentially disastrous results for licensed radio services." The League said the UWB proceeding should be put on hold until test results are available on the impact of UWB and a further round of comments sought. Specific rules need to take into account "empirical evidence of interference potential from UWB devices," the ARRL said, and it questioned why

proceeding was issued before test results and analyses were received.

The bulk of the League's comments focus on the potential for interference from UWB to Amateur Radio allocations. "Part of ARRL's reluctance is that some types of UWB operation will result in wideband noise across multiple amateur bands, something not likely to occur with most presently authorized Part 15 devices," the ARRL asserted. The League called upon the FCC to not authorize any UWB deployment below 2.5 GHZ. The ARRL also asked the FCC not only to determine reasonable operating conditions for UWB devices but to also consider how it will address cases of harmful interference that may result from UWB deployment. And the ARRL said it wants the FCC to consider extending the protections it's considering for safety services–such as GPS–to the Amateur Service.

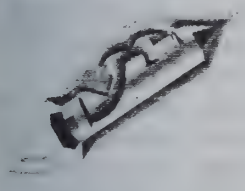
The League attached to its comments rough calculations of the interference potential of various possible UWB configurations. It also offered to contribute to further studies now underway under the auspices of the NTIA and the Department of Transportation.

"At this point, it is not reasonable to adopt rules for UWB devices," the ARRL concluded, "despite an apparent public interest in accommodating such devices." The ARRL's comments in the UWB proceeding are available.

RECYCLED ICBM PUTS HAM SATELLITES INTO ORBIT

Three Amateur Radio satellites were propelled into space September 26 aboard a converted Soviet ballistic missile. The launch reportedly took place at 1005 UTC from the Baikonur Cosmodrome .

Now in low-Earth orbit are SaudiSat-1A and SaudiSat-1B and TiungSat 1. The satellites appear to be functioning and are being commissioned by ground controllers. The launch vehicle, a Dnepr 1 rocket, is based on the Soviet SS-18 "Satan" ICBM–a ballistic missile reworked for peaceful purposes.



The SaudiSats will be able to operate 9600 baud digital store and forward as well as analog FM repeater mode. The uplinks will be on VHF and the downlinks in UHF (Mode J). The downlink for SaudiSat-1A is 437.075 MHz; the downlink for SaudiSat-1B is 436.775 MHz. The uplinks will be published after the satellites have been checked out and commissioned.

Jim White, WD0E, reports that both SaudiSats have been turned on and are running the initial housekeeping task. He says the downlinks are only on when the satellite is over ground stations that are participating in the commissioning process.

TiungSat-1 is Malaysia's first microsatellite. For amateurs, it will offer FM and FSK (at 9.6, 38.4, and 76.8 kB) with uplinks at 144.46, 145.85, and 145.86 MHz and downlinks at 437.300, 437.325, 437.350, and 437.375 MHz. The satellite also carries land and weather imaging payloads.

Chris Jackson, G7UPN, reports TiungSat was activated from the 9M2MCS command station on September 27. "Excellent telemetry was received showing that the spacecraft was in good health," he said in a posting to the AMSAT reflector. Jackson said the spacecraft currently is transmitting telemetry on 437.325 MHz. The flight software was to be loaded this week. "With only one pass night and morning over Malaysia it will take some time to get everything running," he said.

TiungSat–named after the mynah bird native to Malaysia- was developed as a collaborative effort between the Malaysian government and Surrey Satellite Technology Ltd. of the UK. The Dnepr 1 booster also launched a pair of Italian commercial satellites.

ANOTHER LONG-DISTANCE FRS RESCUE



An 11-year-old Marysville, Washington, girl helped rescue a stranded and injured hiker 100 miles away on September 24 when she picked up his call for help on her Family Radio Service UHF H-T. Mikayala Whitley was playing Sunday with the little transceiver outside her home in north of Seattle when she heard the call for help and responded. She was able to keep in contact with injured hiker Michael Wyant, 49, throughout the afternoon. The girl's parents called authorities, who launched a rescue with the youngster acting as a communication relay between the hiker and rescuers. Wyant was picked up by a helicopter later that afternoon, treated at a hospital and released. He also called to thank his radio rescuer. The FRS units–which operate in the 462 MHz range–have a typical range of a couple of miles. In June, two young Oregon brothers were credited with quick thinking after they intercepted a plea for help transmitted via an FRS UHF transceiver by some injured mountaineers more than 80 miles away. Those hikers also were rescued as a result. REACT International has suggested the adoption of FRS channel 1 (462.5625 MHz) with the CTCSS tone disabled as a national call channel. REACT says it came up with the idea after lost hikers in Southern California spent 40 minutes calling on 14 different FRS channels using 38 different tones. In that case, an 11-year-old boy, Kristofer Moore, heard the distress call on his FRS H-T while camping with his family.

NEW NORTH AMERICAN 24-GHz RECORD CLAIMED

A new North American distance record at 24 GHz is being claimed by Ron Smith, K6GZA and Gary Lauterbach, AD6FP. The contact occurred September 16 during the 2000 10 GHz and Up Cumulative Contest. The 24 GHz contact took place between Mt Oso (CM97hm) in Northern California and Mt Frazier (DM04ms) in Southern California. The calculated distance of 375 km is believed to be a new North American record. Both stations used SSB with signals peaking to S7 on the Frazier end and S5 on the Oso end of the path. At the time conditions on 10 GHz over the path were reported excellent. Signal levels were good enough for K6GZA and AD6FP to con-

verse for several minutes before each went back to working other stations in the contest.

FCC UPHOLDS FORFEITURE

The FCC has denied a Petition for Reconsideration and upheld a $7000 fine against The Two Way Shop of Kennewick, Washington. The shop was fined for willful and repeated violation of the Communications Act of 1934 and FCC rules by offering illegal linear amplifiers for sale. In a May 3, 2000, response to the FCC's earlier Forfeiture Order, the Two Way Shop alleged that neither its owner-operator nor his wife had spoken with FCC agents in the shop and, accordingly, could not have offered to sell linear amplifiers to the agents. "The Two Way Shop apparently overlooks our statement in the Forfeiture Order that the investigating agents posed as 'members of the general public'," the FCC responded in a Memorandum Opinion and Order released September 14. The FCC said the agents' decision to go under cover had no bearing on The Two Way Shop's culpability, and it denied the Petition for Reconsideration. The Two Way Shop was given 30 days to pay the fine.



UK ABOLISHES AGE RESTRICTION

After discussions with the Radio Society of Great Britain, the UK Radiocommunications Agency has to drop the age restriction to obtain a "full" Amateur Radio license. Previously, applicants had to be 14 years of age or over, or to have held a Novice license for a least a year. Now, applicants who have passed the radio amateur examination and either the 5 WPM or 12 WPM Morse code test for a Class A/B or Class A license respectively, may apply for a full license.

HAYNIE RAISES VISIBILITY OF AMATEUR ISSUES IN DC VISIT

ARRL President Jim Haynie, W5JBP, promoted issues of importance to Amateur Radio during visits to Capitol Hill and at the FCC and the American Red Cross the week of September 11.

"We're in there competing with the big boys in telecommunications, and we've got to maintain a high profile, because we're all in the same arena," Haynie said in the wake of his second trip this year to Washington. Haynie and an ARRL entourage also visited in the capital last March. "Making visits like these doesn't just help ARRL members," Haynie said. "It helps all amateurs."

Accompanying Haynie this time were ARRL Technical Relations Manager Paul Rinaldo, W4RI; ARRL General Counsel Chris Imlay, W3KD, and Legislative Affairs and Public Relations Manager Steve Mansfield, N1MZA. Manfield notes that Haynie's visit complemented "hundreds of visits" on Capitol Hill and to the FCC and other agencies that he and other ARRL staff members make every year.

During meetings with FCC officials–which included a chat with Commissioner Harold Furchtgott-Rot -Haynie says he stressed the League's position on restrictive covenants–sometimes also called deed restrictions or CC&Rs. The ARRL has petitioned the FCC to ir corporate restrictive covenants as part of the limited fed eral preemption known as PRB-1. The ARRL team also met with Private Wireless Division Chief D'Wana Terry and with Bill Cross, W3TN, and other Wireless Telecom munications Bureau staffers.

Haynie said the CC&R discussions focused on the impact that restrictive covenants have on the basis and purpose of Amateur Radio already codified in the FCC's rules. Haynie raised the issue of restrictive cove nants at several other stops on his Washington tour.

The League delegation also visited with Dale Hatfield, W0IFO, and staff members of the FCC's Offic of Engineering and Technology that he heads. Softwar defined radios were part of the discussions at OET. Haynie said the OET has approached the League abou participating in some noise floor measurement tests in spectrum occupied by Part 15 devices. Discussions als touched on Amateur Radio exam questions, RF interfe ence issues, spread spectrum, and the League's pendi petition for a low-frequency allocation.

Haynie also used the occasion of his Washingt visits to drum up support for his educational initiative– formally called the ARRL Amateur Radio Education Pr ject but often referred to as "The Big Project." Haynie says that he and the ARRL contingent talked about ed cation and The Big Project at every stop and said he's exploring federal funding resources through the FCC. Haynie has been seeking funding for the project from c porate and foundation sources.

Haynie said a highlight of his Washington tour was a luncheon meeting with Beltway area hams famil with or involved in public telecommunications policy. Haynie said the gathering was an effort to reconstitute the old "Washington Watch" group of years past to–as Haynie put it–"establish a working relationship with pe ple on The Hill we might call on" to work with in the fut on Amateur Radio-related issues.

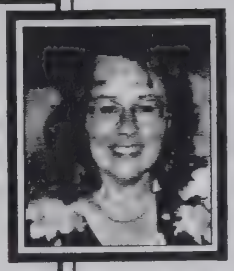
The ARRL delegation also visited the national headquarters of the American Red Cross and toured t Red Cross communications facility. The League officia also huddled with Emergency Communications Manag Paul Reid, N4EKW, at Federal Emergency Manageme Agency headquarters and discussed a pending memo randum of understanding.

Haynie and Andy Butler, president of the Soci of Broadcast Engineers, and the two signed a memora dum of understanding to work together on future proje including the ARRL Certification and Continuing Educa tion Project.

Haynie said he was encouraged by the Leagu reception in Washington. "My sense was one of great progress," he said, adding that he believes continued contact with Washington will pay off for Amateur Radi the future.

EDITOR'S NOTES

kathleen@naceplace.com



Test photo

Yes, it is just about time to hit the road again. Soon after you receive this BARK we will be heading south to Mesa, AZ. Roger will go to COMDEX in Las Vegas on the way. I know that some of you tracked us a little, checking our location on the internet, using the address listed below. Since our trip last summer, Roger has been to an APRS gathering and picked up a few more pointers. It is definitely a work in progress... I hear it is fun to watch us in motion... Check it out at `http://map.findu.com/k8rn` Let us know via e-mail if you can track us and any other comments. As fall is upon us, the most important thing we can do is to cast an informed vote on all the issues that are before us. It is the way we can express our opinions.

Since I will be traveling again and with the holidays coming, it is important to get BARK info to me in a timely manner...



May you all have a blessed Thanksgiving

73, Kathleen

ON THE ROAD AGAIN!

TUESDAY NIGHT NET SEPTEMBER CHECK-INS

CALL	CHECK INS	NAME
W6LIX	3	MOREL
N7ANF	1	RICH
AC7BU	4	AL
K7BUD	1	BUD
W7BUN	4	JERRY
KD7CZS	2	RAY
N7DJC	1	DAVE
KC7ETS	1	JAMES
KC7ETT	1	DONNA
KK7FM	2	GEORGE
KD7GOR	3	BILL
KD7GTZ	1	VERN
KA7HJN	1	CHUCK
K7HW	1	AL
KD7IGY	2	WILMA
KA7IOX	2	SCOTT
K7JIL	3	JILL
K7JWM	1	JOHN
KC7JME	4	NORA
KC7KAQ	1	STEPHEN
NN7L	3	JASON
KA7MYU	2	LES
WA7OHG	1	WADE
KC7OQW	3	JOHN
KC7OQX	3	SUSAN
KB7QAG	4	JEFF
WB7QCS	1	BOB
N7QHW	3	SHIRLEY
N7QHX	2	TOM
N7QOZ	4	BOB
KK7QW	2	PETE
W7RDZ	1	RAY
N7RRL	1	MARK
KG7SM	1	BOB
KB7SVX	1	JEAN
KB7SWW	1	BOB
KC7SYW	1	MARY
W7TEL	3	DAN
AB7TW	1	BOB
KC7UFR	1	CHUCK
KC7VUM	1	LOU
WA7WAL	2	ERIC
KB7WDB	4	LOU
W7WG	3	WORTH
W7WIA	1	OLIVER
KC7YEF	3	FRANK
W9BYH	1	BILL

NET CONTROL STATIONS

SEP	5	AC7BU
SEP	12	AC7BU
SEP	19	AC7BU
SEP	26	N7QHW

RADIO CLUB OF TACOMA

W7DK

ARRL MEMBERSHIP

If you haven't joined or rejoined the ARRL, please do so through the Radio Club of Tacoma! The ARRL is the major voice for Amateur Radio in the US and, besides providing a wealth of information to its members, they provide us with a voice in Washington to help protect the interests of all amateurs. Additionally, RCT is an ARRL Special Service Club and RCT needs to have at least 51% of its members belong to the ARRL to retain its Special Service Club status. See the Treasurer for application forms, and bring your ARRL renewal notices and rejoin through the club. The club receives a commission for each new or renewed membership sent through the club.

JOIN TODAY!

See our club treasurer for details.

SPECIAL SERVICE CLUB

TIME TO UPGRADE ?

Watch for classes that could be starting soon so that you can get them added to your schedule! Check with Jerry, W7BUN, for classes in the planning stages.

ELMER BOARD

Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members area their areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment

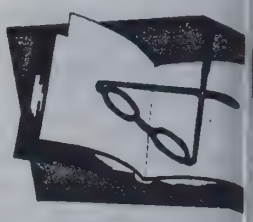
Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Frank, AB7YZ	253-752-8520	2,3
Roger, WA7ANJ	253-475-4293	1,2,3,4,7,8,11

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the board!

(Ed. Note – We need more volunteers on the elmer board. Please add your name to the list!)

Amateur Radio Exams

in the Puget Sound Region as of November, 1999



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Thursday - 7:00 PM, **Bonney Lake** Library,18501 90th St East – Contact Roxann Holwege, AB7HO, at 253-862-8905

2nd Tuesday - 7:00 PM - Radio Club of* Tacoma C... *house, 1249 S. Washington St. - Contact Shi... Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Cor... Bill Thompson, K7OLY, Tumwater, 360-236-9048

2nd Saturday - 10 AM - **Tukwila** - Denny's Restaurant ... 13100 48th So., Contact Mary Lewis, W7QGP, 206-... 9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 2222... SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion ... 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0... Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, ... Tobin Street - Contact Jan VanAllen, K7YH, in Ker... 206-824-9039.

3rd Saturday - every 4th month - 9:30 AM - **Montes...** High School - Pearsall Center, 2109 Sumner Ave. ... tact Nick Bender, NX7W, 360-249-4671, Montesano

3rd Saturday - 10 AM - **Shelton** - Shelton Airport - Contact - Dick Bostrom, N7LD, 360-426-4627, Shelton

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity ... ter, 6400 36th Ave. West - Contact Dwayne Broder ... KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Cor... Bill Thompson, K7OLY, Tumwater, 360-236-9048

4th Saturday - 10 AM - **Everett** - Everett Housing Aut... ity - 14th and Popular - Contact Loren Hole, KK7M, ... 335-5158, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, T... nical Bldg, Olympic College - Contact Walt Win... AA7TL, 360-692-8326, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 1... 80th Ave East, Puyallup, WA 98373 - 253-845-7652



RADIO CLUB OF TACOMA
PO BOX 11188
TACOMA, WA 98411-0188

[ ] NEW MEMBER (ONE APPLICATION PER MEMBER)

[ ] RENEWAL (ONE RENEWAL FORM PER FAMILY OK)

MEMBER CATEGORY: [ ] FULL [ ] SENIOR [ ] ASSOCIATE [ ] FAMILY [ ] LIFE [ ] STUDENT [ ] REINSTATEMENT

Name_____ Call_____ Class_____ Birthday_____

Address_____ City/State_____

Zip+4_____ Home Phone(____)_____ Work Phone(____)_____

e-mail _____ Publish phone number/e-mail in the Club Roster? Yes [ ] No [ ]

Former Call(s)_____

Are you a Volunteer Examiner Yes [ ] No [ ] If Yes, which VEC_____

Occupation (or former occupation)_____ Employer_____

Are you a member of: ARRL [ ] ARES/RACES [ ] MARS [ ]

FAMILY MEMBERS NAME, CALL, AND LICENSE CLASS (RENEWALS ONLY)

_____

_____

THE RADIO CLUB PARTICIPATES AND SUPPORTS THE FOLLOWING ACTIVITIES EACH YEAR. PLEASE MARK THE BOX IN FRONT OF THE ACTIVITY OR ACTIVITIES THAT YOU WILL HELP SUPPORT. WE URGENTLY NEED YOUR HELP AND SUPPORT, PLEASE CONSIDER AT LEAST ONE ACTIVITY THAT WE CAN COUNT ON YOU TO SUPPORT.

[ ] AWARDS BANQUET	[ ] VE TEAM	[ ] ARES/RACES
[ ] FIELD DAY	[ ] LOGGER'S BARK MAILING PARTIES	[ ] N KITSAP FLEA MARKET
[ ] RCT FLEA MARKET	[ ] TEACHING CLASSES	[ ] OTHER MISC CONTESTS
[ ] BOOTH AT THE WWA FAIR	[ ] SCOUTS JAMBOREE IN OCTOBER	[ ] MIKE & KEY FLEA MKT
[ ] SWEEPSTAKES IN NOVEMBER	[ ] BEING AN ELMER	[ ] RCT MUSEUM

Other hobbies, expectations, comment:_____

Do you own a computer? Yes [ ] No [ ] If so, what type?_____

How did you hear about the Radio club?_____

Seven dollars ($7.00) of your annual dues is the subscription fee for the Club's monthly newsletter(The Logger's Bark).

Club badges are available for $9.00. If you would like a badge, please PRINT the following:

Badge Name_____ Badge Call Sign_____

Applicant's Signature_____ Date_____

ANNUAL MEMBERSHIP DUES: FULL OR ASSOCIATE MEMBER $30
FAMILY MEMBER (AT SAME ADDRESS, FIRST TWO) $15 EACH (ALL ABOVE 2 ARE FREE)
SENIOR MEMBER (65 AND OVER) $25 FULL-TIME STUDENT (UP TO AGE 25) $15
LIFE MEMBERSHIP = 20 TIMES ANNUAL DUES (PAYMENT PLAN AVAILABLE)

FOR RCT USE ONLY

Dues received $_____ Treasurer's initials_____ Date_____

Badge fee rcvd $_____ Treasurer's initials_____ Date_____

RCT Number_____

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma, WA 98411

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PAID
TACOMA, WA
PERMIT NO. 1078

RETURN SERVICE REQUESTED

COMING EVENTS

DEC 2 - Pinochle Potluck - 7PM at the Clubhouse

DEC 6 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

DEC 12 - License Exams - 7 PM - Clubhouse

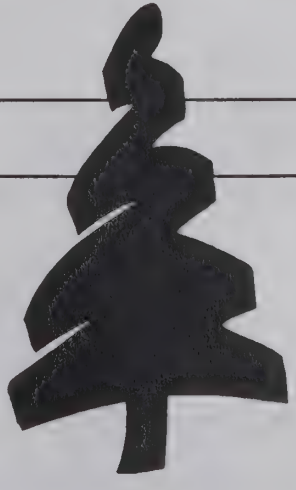
DEC 13 - Club Meeting - Library Administration Center, 7:30 PM
Program: ARES - Amateur Radio Emergency Services with Alan, KB7SVU, and Shirley, N7QHW

DEC 15 - BARK deadline

DEC 17 - Christmas potluck - at the clubhouse, 2PM

DEC 25 - *Blessed Christmas!*

DEC 27 - NO Club Meeting - Library Administration Center, 7:30 PM
Program: Enjoy your holiday—See you all in January!



- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- **See page 3 for meeting program schedule.** Check the weekly net for updates to the program schedule.

BLESSED HOLIDAYS!

December 2000

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 *ALVIN KA7BRT **ARRL 160 METER CONTEST**	2 9:00 AM OPEN HOUSE 7:00 PM PINOCHLE POTLUCK **ARRL 160 METER CONTEST**
3 *DON, KI7HJ *HAL W7EC **ARRL 160 METER CONTEST**	4 *JOSEPH KC7FF	5 **7:00 PM ARES NET 145.37R** **7:30 PM RCT NET 147.28R** *ROY K7OGL	6 **7:30 PM RCT BOARD MTG** *FRANK, AC7JY	7	8	9 9:00 AM OPEN HOUSE *A J KC7OKV **ARRL 10 METER CONTEST**
10 **ARRL 10 METER CONTEST**	11 *CARL, KD7GZY	12 **7:00 PM ARES NET 145.37R** **7:00 PM RCT LICENSE EXAMS** **7:30 PM RCT NET 147.28R** *LEONARD KB7NEM	13 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD	14 *BILL KJ7KT	15 *JACK WA7ENB **BARK DEADLINE IS THE 15TH**	16 9:00 AM OPEN HOUSE *BOB WB7QCS *DANNY W7TEL *JERRY W7BUN *KEN KB7UXT
17 **2:00 PM HOLIDAY POTLUCK/ OFFICER INSTALLATION**	18 *DOUG AJ7Y *KEN KC7UHG *ROBERT KC8AZ	19 **7:00 PM ARES NET 145.37R** **7:00 PM MVWS LICENSE EXAMS** **7:30 PM RCT NET 147.28R** *JASON NN7L *MARILYN KB7PCT	20 *BUD KC7IBV *DEL, KD7HYT	21 *RANDY, WB4SPB **WINTER BEGINS**	22 *MARK KB7PKD	23 9:00 AM OPEN HOUSE *DAVID WB7AUJ
24	25 *JOHN(MAC) W7MSR *RIC N7UFB **MERRY XMAS**	26 **7:00 PM ARES NET 145.37R** **7:30 PM RCT NET 147.28R**	27	28 *CHUCK KA7HJN	29	30 9:00 AM OPEN HOUSE
31 **ARRL STRAIGHT KEY NIGHT 7P-7P** **HAPPY NEW YEAR'S EVE**						

November 2000

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

January 2001

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

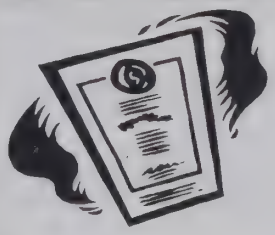
SPECIAL SERVICE CLUB

VOL. XXXVII NR. 12 | W7DK | DECEMBER 2000



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- ▶ **ARRL NEWS** - Page 10
- ▶ **CONTEST CALENDAR** - Page 6
- ▶ **MINUTES** - Page 8
- ▶ **MUSEUM MUSINGS** - Merry Christmas!



FIRST CONTACT AWARD

Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First Contact Award will be issued.

RENEW YOUR MEMBERSHIP NOW!
Please fill out the member application (found elsewhere in this issue) and return to the club tresurer with your dues.
THANKS!

PINOCHLE



at the Clubhouse
1249 So. Washington
1st Saturday, Dec. 2th
Pinochle & Potluck - 7pm
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898

RADIO CLUB OF TACOMA -- 1999

PRESIDENT	ALAN HUGHES	KB7SVU	840-4947
V PRESIDENT	MOREL GUYOT	W6LIX	838-5433
SECRETARY	ED ROOT	KC7OKS	851-7463
TREASURER	CHUCK SOUTER	KA7HJN	863-2650
BOARD (5)	AL BURLESON	K7HW	474-9023
	WORTH GURLEY	W7WG	582-3844
	RICH MANSON	N7ANF	474-8883
	GEORGE NOBLE	KK7FM	756-1127
	AL CHURCHILL	AC7BU	847-3215
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	JERRY SELIGMAN	W7BUN	845-7652
PHOTOGRAPHER			
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COMPOSITOR	KATHLEEN NACE	NØEYK	209-5624
PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call a club officer to pass on the word to the appropriate person(s).

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.28 / .88 MHz **144.97 - Packet**
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Reinstatements

Address/Phone Changes/Corrections

Ross Cunningham, KC7UFM
12504 132nd Street Ct E
Puyallup, WA 98374-4670
Phone Unknown

E-Mail Address Changes/Additions

New Calls/Upgrades

Frank Palmer, KC7YEF, is now extra class AC7JY

Silent Keys





ADDRESS CHANGES

Remember to notify us if your address changes a any time during the year. Your Bark will not com to you if your address has changed since the Pos Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to Shirley, N7QHW, @ 253-265-3661

COMING PROGRAMS AT RCT

DECEMBER 13TH - THE AMATEUR RADIO EMERGENCY SERVICE (ARES) - Part 97.1 of the FCC rules lists five reasons as the Basis and Purpose for the existence of the Amateur Radio Service. The first reason is the value of the Amateur Radio Service for providing the public with voluntary emergency communications. In order to justify our continuing use of our many bands of frequencies, we must be available for this purpose. Shirley Murphy, N7QHW, and Alan Hughes, KB7SVU, will explain how Radio Club members can be a part of this effort.

DECEMBER 27TH - NO MEETING - HAPPY HOLIDAYS

JANUARY 10TH - THE 2000 FOØAAA DXPEDITION - A professionally produced video of the recent radio expedition to a rare island. The difficulties and dangers of such a trip are highlighted.

JANUARY 24TH - MINI FLEA MARKET - Bring items to sell. Bring money to buy!

Radio Club of Tacoma License Exams

DECEMBER 12, 2000

7 PM RCT Clubhouse

1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.65. For information call: Shirley Murphy, N7QHW @ 253-265-3661

Fee as of Jan. 2000 – $6.65

Circe Log 2000



Hi all. Just a quicky to say that we are back on the boat again in Puerto Escondido. The weather's great–"cooling off." That means it's clear down to 70 first thing in the morning. Does seem cool to us though. We'll be here on the Baja until Nov. when we head on over to the mainland. Those of you who send us e-mails via the Ham radio, we have a new address. It is KB7PCT@winlink.org I don't check Compuserve here very regularly as it's a pain to get in to town. Much easier to do it from the boat. I know I promised to tell you about our bus trip but that will have to come later. Hope all's well with of you. Best regards, Marilyn & Stef

RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.
SIZES Small through XL ARE $39, XXL ARE $46 AND XXXL ARE $52.00.
GET ONE NOW!
Call Shirley, N7QHW, at 253-265-3661, to order yours today!



A Note from Virgil, K7VP

November 11th, 2000
Hello all:

I have been getting things in order and I feel that I now have a handle on it. I believe the worst is past and th time has come for me to get on with my life.

I will go back to teaching radio at the VA Blind Rehab Center on the 20th and that will feel good to me. I plar take up flying model planes again and building electronics and models once more. I might even give prospecting a tr Now wouldn't that be something if I made a find? I know for sure that I will go fishing in Yuma with an old friend soon and that I really look forward to. When I got back from the reunion I felt great and I actually won some money in Las Vegas. How is that for an unlikely outcome?!

I miss Joanne and I still cry from time to time and I think that is normal. I find that the pain is not as great. I a both thankful and sad for I fear that I shall lose touch with her if the pain goes away. I know that that thought is irrational, but it is there none the less.

The support that I have received is great indeed and I thank all of you for that. I wanted to touch base with everyone and let you know that I am doing well and perking along.

More next time. God bless you all.

Virgil - K7VP K7VP@hotmail.com

TUESDAY NIGHT NET OCTOBER CHECK-INS

CALL	*CHECK INS*	*NAME*
K3ROT	3	BYRON
KD6ILO	1	MARIO
W6LIX	2	MOREL
KD7AAG	1	MARK
N7ANF	2	RICH
WB7AUJ	1	DAVID
AC7BU	4	AL
K7BUD	2	BUD
W7BUN	4	JERRY
KD7CZS	4	RAY
W7EC	1	HAL
KK7FM	1	GEORGE
KD7GOR	4	BILL
KA7HBE	1	BOB
KD7HIN	1	CHRIS
W7IMW	3	JACK
KA7IOX	4	SCOTT
KD7JDY	1	NINA
K7JIL	4	JILL
KC7JME	5	NORA
KC7KAQ	1	STEPHEN
KD7KPX	1	PAUL
KD7KPY	1	KEITH
KC7KRH	1	BOB
NN7L	3	JASON
N7MF	1	MIKE
WA7OHG	2	WADE
KC7OKS	1	ED
KC7OQW	2	JOHN
KC7OQX	2	SUSAN
KC7PAI	1	KARL
KB7QAG	4	JEFF
N7QHW	4	SHIRLEY
N7QHX	4	TOM
N7QOZ	5	BOB
KK7QS	1	MICK
KK7QW	2	PETE
N7RHV	1	RICHARD
W7RW	2	ANDY
KC7SAA	1	ED
KG7SM	3	BOB
KB7SVX	2	JEAN
KB7SWW	1	BOB
W7TEL	2	DAN
KC7UFR	2	CHUCK
KC7VUM	1	LOU
KB7WDB	4	LOU
W7WG	2	WORTH
KA7WGG	2	LORRAINE
W7WIA	2	OLIVER
KC7YEF	4	FRANK
W9BYH	1	BILL

NET CONTROLS	
OCT 3	KK7QS
OCT 10	K3ROT
OCT 17	AC7BU
OCT 24	AC7BU
OCT 31	W7BUN

ARRL MEMBERSHIP

If you haven't joined or re joined the ARRL, please do so through the Radio Club of Ta coma! The ARRL is the majo voice for Amateur Radio in the US and, besides providing a wealth o information to its members, they provide us with a voice in Wash ington to help protect the interests of all amateurs. Additionally, RCT is an ARRL Special Service Club and RCT needs to have at leas 51% of its members belong to the ARRL to retain its Special Service Club status. See the Treasurer fo application forms, and bring you ARRL renewal notices and rejoi through the club. The club re ceives a commission for each new or renewed membership sen through the club.

JOIN TODAY!

See our club treasurer for details.

SPECIAL SERVICE CLUB

ARES/RACES

...de Shirley Murphey, N7QHW

As always, remember in times of need to tune into 145.37 repeater and see if anything is happening. If help is needed, please jump in with your call and volunteer to help. Don't wait for the phone to ring, just get on the air and volunteer.

Public Service Events are done for the year but stay tuned for announcements of needs on the weekly net at 7:00 PM on Tuesdays on 145.37 repeater and remember, VOLUNTEER. It is that time of the year when River Watches and flooding are apt to occur. We always need lots of volunteers so please consider helping. Remember as a member, we feel it is essential that each person participate in at least one event or drill each year.

It is time once again for each one of us to put on our thinking caps and try to come up with some type of an activity that we can participate in at least once a year if possible. We know it is not possible for everyone to be available for each event but everyone should be available for something at least once a year. It seems in each organization 10 % of the people do 90 % of the work and we are not unique related to this. Each person has their own priority activities or likes and dislikes when volunteering. This is why I believe each one of us needs to be thinking about special things we can do. These can be runs, parades, etc. or lets plan a few communication drills for the practice of it. Is this a plea or just plain "HELP !! WE NEED ALL OF YOU".

ARE YOU READY?

A few years ago we put together some minimum standards for our members to meet on an annual basis. I thought it might help to remind everyone what these are so we can all be considering what we can do to help.

RECOMMENDED MINIMUM STANDARDS FOR MEMBERS



Be Prepared!

1. Hold a valid registration card for the Pierce County Department of Emergency Management.
2. Hold a current Amateur Radio license, Technician class or above.
3. Possess adequate outdoor clothing and equipment for the Pierce County environment such as: wool or synthetic inner and outer wear, rain gear, appropriate footwear, backpack, 24 hour food and water supply with utensils, compass, first aid kit and flashlight.
4. Have access to equipment for communicating on 2 meters (440 band as well if possible)
5. Basic first aid and CPR training recommended.
6. Read a map and locate one's position on it.
7. Basic compass knowledge.
8. Check into the Pierce County Emergency Services Net at least once a month to maintain an active status.
9. Participate in at least one training exercise or event each year.



Remember to check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Shirley, N7QHW. PLEASE take note that if your DEM card has expired and there is not a current card on file in the DEM office, you HAVE BEEN REMOVED from the list of volunteers. To be eligible again, you simply need to fill out a DEM application. Be sure to turn them in to Shirley, N7QHW so that all of our records are up to date.

Do you want to get involved? Simply contact Alan Hughes, KB7SVU at 253-840-4947 and let him know.

73, Shirley, N7QHW





AREA SWAP MEETS

...and in the year 2001...

10 Mar 2001 Puyallup, WA
Mike & Key ARC
http://www.mikeandkey.com
Contact: Michael Dinkelman, N7WA
22222 148th Avenue SE
Kent, WA 98042
Phone: 425-867-4797 (days) or 253-631-3756 (eves)
Email: mwdink@eskimo.com

12 May 2001 Stanwood, WA
Stanwood-Camano ARC
Contact: John McCann, N7MZ
27312 56th Avenue NW
Stanwood, WA 98292
Phone: 360-629-2921
Email: huppert@whidbey.net

1-3 Jun 2001 Seaside, OR
Northwestern Division Convention
Oregon Tualatin Valley ARC
http://www.seapac.org
Contact: Randy Stimson, KZ7T
9890 SW Inglewood Street
Portland, OR 97225
Phone: 503-297-1175

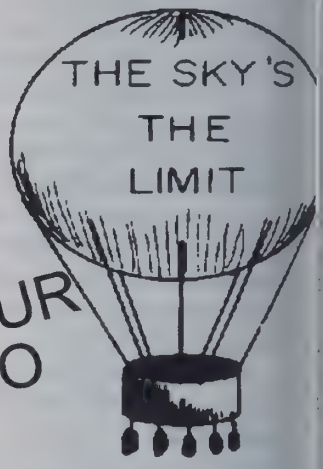
SCHEDULE YOUR SWAPMEET VISIT

ELMER TODAY VOLUNTEER!

SPECIAL SERVICE CLUB
ARRL

PEACE ON EARTH!





DECEMBER CONTESTS

1-3
ARRL 160-Meter Contest
QRP ARCI Holiday Spirits Homebrew Sprin
CW
Troy Amateur Radio Association 9th Annua
TARA RTTY Sprint
TOPS Activity 3.5 MHz CW Contest

9-10
ARRL 10-Meter Contest
28 MHz SWL Contest 2000

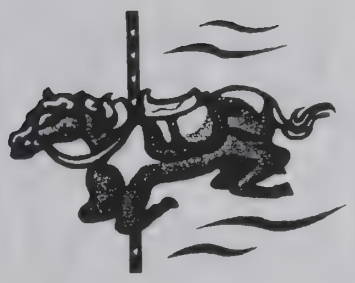
16-17
Croatian CW Contest
OK DX RTTY Contest

30-31
RAC Winter Contest
Stew Perry Topband Distance Challenge
ARRL Straight Key Night



Want more info, check
www.arrl.org/contests

THANKS GO TO THOSE WHO MADE "FAIR 2000" A SUCCESS



It was a busy 17 days but a great big THANK YOU goes to all of you great volunteers that kept the Fair Booth staffed for all the shifts.

We had persons staffing the booth for a total of 408 hours. Most shifts were covered by the time the Fair started due to volunteers stepping up and doing more shifts or calling me and simply saying, "how can I help". It was also greatly appreciated that the changes needed to keep the booth covered were minimal. A huge THANK YOU to Richard, KD6FEA, Rob, WB7QCS, John, N7JFM, Karl, KC7PAI, Al, AC7BU, Roger, WA7ANJ, and Jerry, W7BUN, who all volunteered to fill in a shift or so at the last minute when it was needed.

A big thanks also to Dick,KB6PWR, Edith, KB7KSY, Roger, K8RN, and Kathleen, NØEYK, for all of their help in getting the booth ready for the fair. Thanks also to Kathleen, Dick, and Edith who helped break down the booth after the fair. Many, many compliments were expressed by club members as well as the public on how nice the booth always looks. Roger went to ICOM to pick up the radios and took responsibility for returning the radios upon completion of the fair. Good work and thanks a bunch to each of you! It wouldn't happen without you.

A big thanks also to Jerry, W7BUN, who readily volunteered to organize the traffic handlers for our fair traffic and also filled in to pick up traffic when necessary. It has been a popular activity for the public and we sure appreciate the amateurs who helped out with this part of our fair activity. Thanks to the following who helped get the traffic on its way. Bob, N7LBO; Jerry, W7BUN; Don, K7QLC; Bill, KI7YK; Tom, W7PK; Shirley, N7QHW; Al, AC7BU; and Cal, W7SFT.

The number of messages sent was 70 (which is down from past years) and they went to the following states, 6 to AZ, 7 to CA, 3 to MN, 1 to NM, 3 to OR, 1 to MT, 5 to FL, 1 to NY, 1 to VA, 4 to IL, 1 to WY, 1 LA, 2 to SC, 4 to WI, 1 to OK, 2 to OH, 1 to MI, 2 to IN, 3 to MA, 1 to PA, 1 to CO, 1 to GA, 3 to IA, 3 to NJ, 1 to HI, 1 to NV and the remaining to WA.

There were 870 Amateur Radio Operators that signed in our log book. Mostly of course from Washington state (east and west) and also from the following locations, 7 from TX, 3 from AZ, 3 from AK, 2 from FL, 1 from CO, 4 from CA, 3 from OH, 2 from SD, 3 from Mexico, 2 from OR, 2 from Canada, 1 from HI, 1 from NM, 1 from America Samoa, 1 from Germany and 1 from MO.

THANKS to the following for staffing the booth and working so well with the public. PHIL, W7PFZ; MARV, KC7JKA; ROGER, K8RN; JOHN, N7JFM; DICK, KB6PWR; EDITH, KB7KSY; ED, KC7OKS; JIM, KC7SYT; LOIS, KC7SYU; JILL, K7JIL; BOB, KG7SM; RUTH, N7WGF; BOB, W7SKI; DON, W7DON; NORA, KC7JME; HAL, W7EC; CHUCK, KA7HJN; JEAN, KB7SVX; MICK, KK7QS; DAWN, KC7VZM; WORTH, W7WG; MOREL, W6LIX; DICK, N7RHV; AL, K5AEF; AL, AC7BU; TOM, N7QHX; FRANK, AC7JY; ED, KC7OKS; BOB, KD7IBU; CHUCK, WY7V; RICH, N7ANF; VERN, KD7GTZ; ROY, WA7UZL; KARL, KC7PAI; JEFF, KC7ZWE; MILT, KD7GUD; CHUCK, N7STR; RICHARD, KD6FEA; RAY, KD7CZS; JACK, W7IMW; HARRY, W7HHP; ALAN, N7EAY; ROB, WB7QCS; GEORGE, KA7HE; TOM, N7VDU; ERIC, WA7WAL; KEN, KC7ZJC; ROGER, WA7ANJ; BOB, KD7IBU; BILL, KD7GOR; KATHLEEN, NØEYK; BUD, K7BUD; NORM, KD7DCN; TRESSIE, KC7BAL; ALAN, KB7SVU; BOB, KD7HBE; MARILYN, KJ7BN; JERRY, W7BUN; BRENDA, KC7ZIR; and MAC, W7SMR.

Many of the fair booth persons as well as the traffic handlers did multiple shifts or times for handling traffic and it was greatly appreciated. Thanks again and don't forget to help out again next year when we "DO THE PUYALLUP". Thanks one and all!! 73, Shirley, N7QHW

Club Officers 2001

See you in the New Year!



President Mick Pier, KK7QF
Vice President Morel Guyot, W6LIX **
Secretary Ed Root, KC7OKS **
Treasurer Roger Terwilliger, WA7ANJ

Officers followed by ** will be up for election in fall 2001.

Board Members
Al Burleson, K7HW **
Worth Gurley, W7WG
Rich Manson, N7ANF **
George Noble, KK7FM **
Frank Palmer, AC7JY

MEETING MINUTES

Radio Club of Tacoma
Membership Meeting
25 October 2000

Meeting started at 7:30PM with the flag salute led by Chuck Souter, KA7HJN. Introductions were made around the room.

Health and Welfare: Russell Foster, KJ7YT, had a minor stroke.

Jerry Selligman, W7BUN, awarded a "First Contact" certificate to Arthur Allen, KD7KQE. Jerry also told of coming programs

Tonight's Program: Ask the experts, not stump them, as some alleged. The experts on the panel were: Roger Nace, K8RN, Mike Crawford, WB7DFQ, Al Burleson, K7HW, and Shirley Murphy, N7QHW.

Meeting adjourned at 9:20PM.



Radio Club of Tacoma
Board Meeting
1 November 2000

Meeting called to order at 7:30 PM by Prsident Alan, KB7SVU. Board members present were: Morel (VP), W6LIX; Rich (BM), N7ANF; Al (BM), K7HW; another Al (BM), AC7BU; and George (BM), KK7FM. Visitors: Ray (KD7CZS); Jerry (W7BUN); Mick (KK7QS); and Roger (WA7ANJ).

OLD BUSINESS: Rich sprayed the yellow jacket nest. Rich also stated the concrete pad for the batteries needed to be installed in the garage. Roger asked if the Board had made a decision regarding a flea market for 2001. The decision will deferred to the new Board in January 2001. Roger volunteered to chair the event. The Board stated that he could chair if the event is scheduled. Jerry offered assistance on "time-line" deadlines - such as publicity and National magazines!

NEW BUSINESS: Jerry informed the Board that 'ARES/ RACES' will be the Program for the Membership Meeting Dec. 13, 2000. A video on DX-pedition may also be presented.

Jerry asked about the Meeting for Dec. 27, 2000, and whether or not a program should be scheduled. The Board decided to cancel the meeting.

NO MEETING 27 December 2000!

Rich (and the Board) has scheduled **the Christmas Potluck for Sunday, Dec. 17, 2:00 PM at the clubhouse**.

GOOD OF THE ORDER: Alan informed the Board that it has been determined by DEM that the EOC will stay in the County City building. New equipment has been installed; new coax is pending. An interesting discussion about operational policies took place. Stay tuned for exciting developments from the Program Chairman - perhaps lively discussions at meetings; maybe added articles in the Bark. See you at the meeting! ..... submitted by Roger, WA7ANJ

TREASURER'S REPOR

OCTOBER 2000 SUMMARY

INCOME
DUES INCOME 135.00
BOOKS 238.00
BADGE SALES 18.00
DOOR PRIZE 138.00
DONATIONS
BARK SUBSCRIPTION 7.00
COFFEE 32.00
SOFT DRINKS 24.00
FIELD DAY DONATIONS 32.82
FLEA MARKET INCOME 4255.53
TOTAL OCTOBER INCOME 4880.35

EXPENSES
BARK COPIES 89.49
STATION SUPPLIES 100.00
DONATION 55.00
CLASSES 60.80
DOOR PRIZES 30.00
PROGRAM 3.13
TELEPHONE 125.46
BOOKS 208.80
BALLOTS 16.23
LIC TABS 40.50
CLUB HOUSE 4.98
SUPPLIES
CLASS EXPENSES 20.00
PROP TAXES 684.88
FLEA MKT DONATION 1500.00
TOTAL OCTOBER EXPENSES 2939.27

GAIN FOR MONTH $1941.08

EXPLANATION
Two phone bills were due in Oct due to timing - $1500 was deducted to reflect the "seed money" given Flea Market on 8/14.



TIME TO UPGRADE ?

Watch for classes that could be starting soon so that you can get them added to your schedule! Check with Jerry, W7BUN, for classes in the planning stages.

ELMER BOARD

Do you need help with some area in ham radio? Here is a place to start… First is the listing of areas of support, followed by a list of members area their areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment

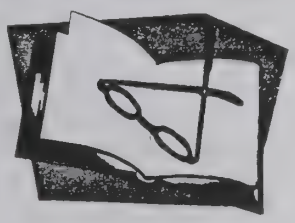
Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Frank, AB7YZ	253-752-8520	2,3
Roger, WA7ANJ	253-475-4293	1,2,3,4,7,8,11

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the board!

(Ed. Note – We need more volunteers on the elmer board. Please add your name to the list!)

Amateur Radio Exams

in the Puget Sound Region as of November, 1999



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Thursday - 7:00 PM, **Bonney Lake** Library,18501 90th St East – Contact Roxann Holwege, AB7HO, at 253-862-8905

2nd Tuesday - 7:00 PM - Radio Club of* Tacoma *Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Bill Thompson, K7OLY, Tumwater, 360-236-9048

2nd Saturday - 10 AM - **Tukwila** - Denny's Restaurant, #3 13100 48th So., Contact Mary Lewis, W7QGP, 206-523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 Tobin Street - Contact Jan VanAllen, K7YH, in Kent, at 206-824-9039.

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

3rd Saturday - 10 AM - **Shelton** - Shelton Airport - Contact - Dick Bostrom, N7LD, 360-426-4627, Shelton

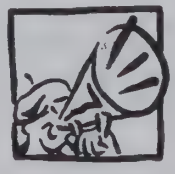
4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Bill Thompson, K7OLY, Tumwater, 360-236-9048

4th Saturday - 10 AM - **Everett** - Everett Housing Authority - 14th and Popular - Contact Loren Hole, KK7M, 425-335-5158, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Walt Winters, AA7TL, 360-692-8326, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - 253-845-7652



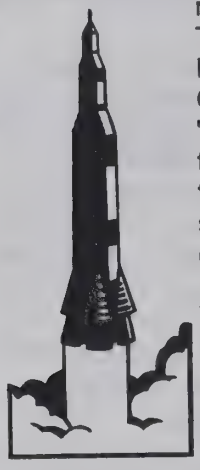
◈ News from the ARRL ◈

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet.

IT'S ALIVE! PHASE 3D IS NOW AO-40

Alive and well and in orbit around Earth, the satellite known for the past decade as "Phase 3D" has a new name. AMSAT-NA Board Chairman Bill Tynan, W3XO, this week announced that Phase 3D now will be known as AMSAT-OSCAR 40, or AO-40.



"We have been calling it Phase 3D for far too long," Tynan said. "Henceforth it will take its place in the long line of OSCARs, satellites built by the Amateur Radio community for the Amateur Radio community throughout the world." Tynan said he got the official go-ahead from Phase 3D Project Leader Karl Meinzer, DJ4ZC, to assign an OSCAR number. It's been 40 years since the first OSCAR satellite launched. AMSAT-OSCAR 40 was dedicated to the memory of one of its principal builders, Werner Haas, DJ5KQ, and operates under the call sign DP0WH. Haas died earlier this year. A plaque aboard AO-40 is dedicated to his memory.

Tynan, whose tenure as AMSAT-NA President covered the early years of the Phase 3D project, was overjoyed to see the satellite finally in orbit. "Congratulations and thanks to all who participated in any way to this wonderful achievement," he said.

Following a one-day postponement, Phase 3D was successfully launched November 16 at 0107 UTC and placed into a geostationary transfer orbit, from which it will be nudged into its final high elliptical orbit. When the Ariane 5 launcher successfully deployed Phase 3D at 0153 UTC, cheers erupted from the AMSAT team monitoring the flight's progress in the Arianespace control room. The satellite is not expected to be ready for general use for about nine months.

"It was a textbook launch," said Phase 3D Mission Director and AMSAT-DL Executive Vice President Peter Guelzow, DB2OS. Guelzow, who's filling in for Phase 3D Project Leader Karl Meinzer, DJ4ZC, said the satellite appears to be in excellent health. A "general beacon" was transmitting on approximately 435.450 MHz. The AO-40 PSK beacon has been monitored on or about 145.898 MHz--slightly different from the expected frequency.

This week's Phase 3D launch culminated a decade of planning, design, construction and testing as well as an ambitious fundraising campaign. The ARRL was among the major contributors to the Phase 3D project.

Newly elected AMSAT-NA President Robin Haighton, VE3FRH, hailed the news of the launch. "It expands the capabilities of radio amateurs to work with higher frequencies and develop advanced communication techniques," he said. "Once more, Amateur Radio operators will be at the leading edge of experimentation in communications."

The satellite now is in orbit some 585 miles above Earth at the closest point. Phase 3D's final elliptical orbital configuration will put the satellite some 2500 miles away from Earth at its nearest point, and some 29,500 miles at its farthest.

At 630 kg (1380 lbs) and some 20 feet across when the solar panels are deployed, Phase 3D is the largest Amateur Radio satellite ever put into space. Three other satellites, the giant PanAmSat PAS-1R communications satellite and the smaller STRV-1C and 1D mini-satellites, joined AMSAT Phase 3D--now AO 40--for the ride.

For more information, visit the AMSAT-NA Web site, http://www.amsat.org.

FCC ORDER DECLINES TO INCLUDE CC&RS IN PRB-1

The FCC has denied an ARRL Petition for Reconsideration calling on the Commission to declare that PRB-1 applies to amateurs living in areas governed by CC&Rs or condominium regulations just as it does to hams regulated solely by local zoning laws. The FCC Order also seeks to "amplify" the definition of the oft-cited "reasonable accommodation" phrase in PRB-1 with respect to local land use and zoning.

The FCC Order said the League failed to demonstrate any "significant change in the underlying rationale of the PRB-1 decision" that would necessitate revisiting the issue.

"The Order provides some additional clarification on the extent of PRB-1 preemption, but it falls short of providing the relief that ARRL was seeking," said ARRL Executive Vice President David Sumner, K1ZZ. Because Deputy Wireless Telecommunications Bureau Chief Kathleen O'Brien Ham issued the November 13 Order under what's known as "delegated authority," the ARRL was mulling whether to submit an application for review by the full Commission.

Sumner said the ARRL believes the issue is "critically important." He said the League continues to gather additional information and to plan on how to present its arguments more persuasively before the FCC.

The FCC Order said that even if the Commission does have authority to address CC&Rs within the context of Amateur Radio facilities, "this alone does not necessarily warrant revisiting the exclusion of CC&Rs" from PRB-1. The ARRL has argued that the FCC has Congressional authority to prohibit restrictive covenants that could keep property owners and even renters from installing antennas to receive TV, satellite and similar signals. The same principle, the ARRL asserts, applies to Amateur Radio.

The FCC Order says, however, that ham antennas are not like over-the-air reception device antennas "which are very limited in size in residential areas." Regardless of the extent of the FCC's discretion with respect to CC&Rs generally, "we are not persuaded by ARRL's arguments that it is appropriate at this time to

consider exercising such discretion with respect to amateur station antenna preemption," the Order said.

In its initial denial a year ago, the FCC strongly encouraged associations of homeowners and private contracting parties to "follow the principle of reasonable accommodation" with respect to Amateur Radio.

The FCC Order also took the opportunity to clarify by example what PRB-1 means by "reasonable accommodation" in terms of amateur antennas. The Order says the FCC does not believe that zoning that provides for extreme or excessive prohibition of amateur communications "could be deemed to be a reasonable accommodation." As an example, the Order said, "we believe that a regulation that would restrict amateur communications using small dish antennas, antennas that do not present any safety or health hazard, or antennas that are similar to those normally permitted for viewing television" is not reasonable accommodation or minimum practicable regulation.

On the other hand, the Order said, communities wanting to "preserve residential areas as livable neighborhoods" would be free to adopt zoning that forbids antennas "commonly and universally associated with those that one finds in a factory area or an industrialized complex." The FCC conceded that while such rules could constrain amateur communications, "we do not view it as failing to provide reasonable accommodation to amateur communications."

The FCC Order also stuck to the earlier conclusion that the current standards for "reasonable accommodation and minimum practicable regulation" spelled out in PRB-1 "are sufficiently specific to cover any concerns related to unreasonable fees or onerous conditions."

The Order said the FCC continues to believe that it should "not specify precise height limitations below which a community may not regulate, given the varying circumstances that may occur."

The Order combined the FCC's response to the ARRL petition with its response to a similar filing from Barry N. Gorodetzer, N4IFE, and Kathy Conrad-Gorodetzer, KF4IDH, of Ft Lauderdale, Florida. The FCC Order is at http://www.arrl.org/announce/regulatory/rm8763.html.

ARRL NORTHWESTERN DIVISION DIRECTOR & VICE DIRECTOR REELECTED



In the Northwestern Division, incumbent Director Greg Milnes, W7OZ, edged out Mary E. Lewis, W7QGP, a former Northwestern Director, 2383 to 2237. Milnes had defeated Lewis for the vice director's slot in 1998, then moved up to director following the death of Director Mary Lou Brown, NM7N.

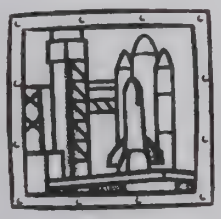
Incumbent Northwestern Division Vice Director James E. Fenstermaker, K9JF, outdistanced challenger Edward W. Bruette, N7NVP, 2620 to 1873.

All terms are for three years beginning at noon January 1, 2001.

ISS CREW CHECKS OUT HAM GEAR

The International Space Station crew of US astronaut and ISS Expedition 1 Commander William "Shep" Shepherd, KD5GSL, and Russian cosmonauts Sergei Krikalev, U5MIR, and Yuri Gidzenko checked out the Amateur Radio on the International Space Station initial station ham gear last weekend.

"With the successful execution of engineering test communications passes, the Amateur Radio on the International Space Station project has passed a significant milestone," said ARISS team member Will Marchant, KC6ROL.



Two initial Amateur Radio test passes were conducted via R3K at the Gagarin Cosmonaut Training Center in Star City near Moscow, with Russian ARISS delegate Sergej Samburov, RV3DR, at the controls. AMSAT Russia President Eugene Labutin, RA3APR, and Vladimir Zagainov, UA3DKR, also were on hand for the commissioning pass.

A subsequent test pass via NN1SS at the NASA Goddard Space Flight Center was equally successful. The crew reiterated its interest and support for Amateur Radio activities on the ISS. School Amateur Radio contact schedules and casual QSOs are pending at this point, however, as the crew tackles a very busy work regime in space.

Shepherd reports that all equipment aboard the ISS appears to be operating well, although he and the other crew members have complained about the noisy air conditioner. The crew spent its first week installing an oxygen generator, a carbon-dioxide removal unit and other life-support systems.

Things will get busier when a Russian cargo ship filled with food, parts, trash bags and another air conditioner arrives November 17. The crew must unload the rocket, stow the gear, then fill the rocket with trash to jettison before the shuttle Endeavour lifts off at the end of the month with a new set of solar panels for the ISS.

The crew is not getting Thanksgiving off, and crew members did not request turkey and the trimmings be sent into space.

Students at the Burbank School in Burbank, Illinois, were tentatively scheduled to have the first Amateur Radio contact with the Expedition 1 crew next month. Another 18 schools are under consideration for ARISS school contacts.

Tentative operating frequencies are: Worldwide downlink for voice and packet, 145.80 MHz; worldwide packet uplink, 145.99 MHz; Region 1 (Europe/Africa) voice uplink: 145.20 MHz; Region 2 and 3 voice uplink, 144.49 MHz. Crew members may use their personal call signs or one of the "club station" call signs issued for ISS use–NA1SS, RZ3DZR, or DL0ISS. The Keplerian elements bulletin from ARRL now includes data for the ISS.

For more information, visit http://ariss.gsfc.nasa.gov/.

RUSSIA TO DUMP MIR

Russia now appears resigned to dump its Mir space station. After much waffling and after announced plans to commercialize Mir fell through, the Russian government voted this week to deorbit the aging space station that for more than a dozen years has been the pride of the Russian space program.

Current plans call for Russia to deorbit Mir in February. Yuri Koptev, the head of the Russian space agency, said the Russian government has agreed that Mir would be taken out of orbit and brought down into the Pacific Ocean in a predetermined area off Australia between February 26 and 28.

Mir has been the focus of Amateur Radio activity from space by cosmonauts and US astronauts–including several contacts with schools. Amateur Radio communication from US astronauts was able to fill in details of a nearly disastrous fire and after a collision with a Progress rocket nearly decompressed Mir. Koptev said an unmanned cargo ship sent to Mir early next year will fire its rockets to push the space station quickly into the atmosphere. Koptev said Mir was in too poor a state of repair to remain in orbit much longer.



This week's decision signals the end of an era for Russia's cash-strapped space program, and defeat for the private MirCorp, which had tried to raise millions of dollars to keep Mir in operation. American businessman Dennis Tito, who had hoped to travel to Mir as a "space tourist" under a deal with MirCorp and has already spent $1 million in training, will not be sent to the station, Koptev said.

ARRL INSURANCE

ARRL Ham Radio insurance to cover antennas, towers, rotators: Seabury & Smith, the ARRL "All Risk" Ham Radio Equipment Insurance Plan administrator (formerly Albert H. Wohlers and Company) has announced that, effective immediately, the plan will insure antennas, towers and rotators. Coverage for antennas, towers and rotators may be written only as an endorsement—or rider–to an existing policy. As in the existing program, the policy is that all the equipment must be scheduled. Members may not insure antennas, tower, and rotators without also purchasing coverage for their other station equipment. The cost of coverage is $1.50 for every $100 of valuation—the same as that for station equipment. Amateurs with further questions can contact the Seabury & Smith Customer Service Department at 800-503-9230.

FCC INTERVENES IN ANOTHER POWER LINE INTERFERENCE CASE

The FCC has written a Wisconsin electric utility as a result of complaints of suspected power line interference filed by two Iowa amateurs. The FCC intervened after Alliant Energy of Madison indicated that it already considered itself to be in compliance with applicable state and federal laws. The FCC explained the utility's obligations under its Part 15 rules and gave the company 30 days to look into the situation and report back to the complainants.

The FCC's intervention October 27 stemmed fro harmful interference complaints filed by James L. Spencer, WØSR, and Frederick M. Spinner, WØFMS, both of Cedar Rapids, Iowa. The ARRL also has been in touch with Alliant Energy on behalf of the two ARRL members in an effort to resolve the matter.

In response to an inquiry from ARRL Lab Supervisor Ed Hare, W1RFI, Steven Baker, Alliant's general manager for customer operations, said his company "cannot financially justify making major system changes or investments to address problems, which are understood to be incidental radiators with no harmful interference as per FCC requirements." Baker said several of th RFI problems in Spencer's area were traced to "fish tank heaters, doorbell transformers and other devices" not un der the utility's control.

"The nature of the RFI in Mr. Spencer's case is intermittent and at frequencies which have no effect on the public general broadcast frequencies," Baker said.

Spencer told the ARRL that he's been working f several years to resolve power line noise problems and has logged dozens of contacts with the utility. While he reported getting good customer service early on, he says the level of service has declined lately. Spinner, who contacted the utility more recently, said he's received no indication that Alliant intends to correct his problem and, in fact, suggested that he might have to live with it.



The ARRL has offered to assist all parties in reaching a satisfactory resolution. The FCC also suggested that Alliant contact the ARRL for additional guidance on dealing with RFI involving amateurs.

The FCC Consumer Information Bureau's Shar Bowers told Alliant that even interference to a limited range of frequencies constitutes harmful interference to licensed service. The FCC pointed out that the utility m not cause harmful interference to licensed services, an if it does, should locate and correct problems within a r sonable time. The Commission requested that Alliant a vise the complainants within 30 days of the steps it is t ing to correct the reported interference problems.

Last year, the FCC intervened in the wake of longstanding RFI complaints from several West Coast amateurs who claimed they were receiving harmful inte ference from Pacific Gas and Electric power lines or equipment.

The ARRL Technical Information Service offer more information at http://www.arrl.org/tis/info/rfi-elec.html.

NEW NORTH AMERICAN 145 GHz RECORD CLAIMED

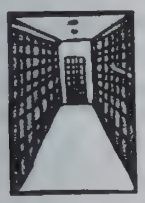
A new North American claimed record at 145 GHz was set November 6 when Brian Justin, WA1ZMS/4, and Geep Howell, WA4RTS/4, established two-way contact over a path of 34 km. Justin reports that the CW signals were weak but able to be copied. The transmitter power on each end was around 5 mW. ICOM R-7000 receivers were used for IFs. WA1ZMS was on the Blue Ridge Parkway in FM07fm. WA4RTS was in Lynchburg, Virginia, in FM07ji. "No receive margin was to be had on the WA4RTS end, so we reached the limit of what we can do for now with the exception of weather conditions," Justin said.--Brian Justin, WA4ZMS/4

FORMER CALIFORNIA HAM AGREES TO JAIL FOR UNLICENSED OPERATION

Former amateur Richard Allen Burton reportedly has agreed to serve three months in jail for Communications Act violations, pending pre-sentencing and medical reports. Burton, who has a long history of alleged unlicensed operation, was arrested August 5 after his indictment in May by a grand jury for the US District Court for the Central District of California. Sentencing will be in February.

Formerly WB6JAC, Burton faced six felony counts of violating the Communications Act of 1934. The FCC says he operated without a license on repeaters in Southern California after his license was cancelled.

Burton's General ticket was revoked in 1981. The following year, he was convicted on four counts of transmitting without a license and two counts of transmitting "obscene, indecent or profane words, language or meaning." Burton initially was sentenced to serve six months of an eight year prison term, with the remainder suspended. Upon appeal, the US Ninth District Court of Appeals upheld the unlicensed operation conviction but threw out his obscenity conviction. The FCC says that Burton transmitted without a license while on probation in 1984 and again in 1990 and in 1992. After the second incident, he was fined $2000 and received a year's probation; after the third, he was sentenced to seven months in jail and a year's probation.



In 1992, Burton attempted to get his Amateur Radio license back, but the FCC refused to reinstate him. He was briefly successful in getting a ham ticket in 1996, when he passed a Technician exam at a VE session. The FCC granted Burton a new license and the call sign KF6GKS, which was promptly set aside as soon as the Commission realized its error.

Burton has been free on $20,000 bond. He pleaded not guilty at his arraignment. A trial was postponed while the plea agreement was being worked out.

ARRL Amateur Radio Emergency Communication Course Coming Soon

The ARRL Certification and Continuing Education Pilot Project's first offering is closer to completion. Since March 2000, a dedicated crew of volunteers has been working together to produce a basic level introductory course in emergency communications. The course will provide a basic standard of training for everyone, regardless of their geographic location or education level. This first-ever ARRL continuing education course will initially be available as an on-line course, offering a certificate and ID card for each student who successfully completes each part. The first course, which comprises Level I, Introduction to Emergency Communications, is made up of Parts 1, 2 and 3. Future courses, Level II, NCS and Liaison Training, and Level III, Emergency Communications Management/Administration Issues, will be available in 2001. More details about Level I, Introduction to Emergency Communications, will be released as the course nears completion.

EDITOR'S NOTES

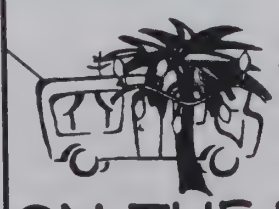


kathleen@naceplace.com

A warm, dry HAPPY HOLIDAYS from Mesa, AZ. We had an uneventful trip south. Roger took the van from central CA , went to COMDEX in Las Vegas and had a GREAT time! Smokie, the dog, and I continued on in the motorhome, traveling with the Strongs, to Mesa. Learned more about backing the motorhome, something I had avoided til this trip! Now it is not a fearsome unknown! I do enjoy driving it! We are now parked on our space at Valle del Oro RV Resort, getting reacquainted with neighbors from last spring. Roger is active in one of the investment clubs and is going to be teaching some computer-ease... We will be going to Las Vegas for Christmas and Roger's daughter and family will be here the week after Christmas. Fun with 2 granddaughters!

With the Christmas holidays right around the corner, it is time to plan to go to the **annual W7DK Christmas potluck,** to be held this year at the clubhouse. So mark your calendars for **Dec. 17th, 2PM.** Check with Rich, N7ANF, on what to bring.

Tom, N7QHX, sent me a pointer to a very interesting web page that details the sailing adventures of Jan Twardowski, K7JT aboard the Raven. Check out this beautiful site at `www.ravencruise.com` Roger and I noticed that he is also using APRS and there is a link *(Where are they now?)* from his page to maps. Our location is still available at `http://map.findu.com/k8rn` We will be traveling again on Dec. 16th so the location will change. Also please get BARK info to me in a timely manner as we travel during the holidays.



Congratulations to our newly elected officers. Lets all work together to make our club better in the years to come. Many blessings ! Merry Christmas! 73, Kathleen

ON THE ROAD AGAIN!

LONG RANGE PLANNING COMMITTEE REPORT

This report is at the request of Dr. George Noble, KK7FM, a board member of the Radio Club of Tacoma and in charge of Long Range Planning, and is a report to the Board of Directors if he sees fit to forward the same.

Dr. Thomas Murphy, N7QHX, Mr. Jean Treloar, KB7SVX, and Mr. Robert Stewart, WB7QCS, did meet on February 4, 2000 and did formulate this report.

The question of membership in the Radio Club of Tacoma was discussed. It is recognized that the current membership of over 350 members presents several problems as to meeting places, party sites and etc. However, the most recent mandate from the FCC has stated that for an organization to have credence with the FCC for the use of public airways must have the widest possible base of membership. Thus, we feel that any attempt to limit membership is not wise. If a group, such as the Antique group, the Parrot Group, or Tack-1, were to form under the wing of the Tacoma Radio Club for specific purposes with a smaller membership, this would be encouraged.

Activities:

The activities at the present time include Field Day, The Award Dinner (Christmas), Radio Club at the Beach, Picnic at McCord, Radio Club at Mt. St. Helens, the Antique Group, and projects such as The Missouri Project and packet radio. All these should be encouraged and enlarged.

Teaching:

The current classes for a novice-tech license are very popular as are the classes for general, advance and extra licenses. This should be encouraged. It is suggested that an arrangement with other groups (Mike and Key Club, the Bears, etc.) be made to rotate the technician classes every three months so that the instructors do not get burned out. This would make classes available every few months for people that desire this training. Membership in the club and ARRL should be encouraged with these classes.

Club House.

There is concern that the remodeling of the clubhouse that has been done does not have a master plan. We have a large group of talented people who will volunteer to work on the remodeling but, without a master plan, this is not wise. The work has gone on more than one year. Included in this master plan should be a plan to build a large meeting room on the property. There is plenty of room on the property for both a meeting room and further parking that would be needed. A 30 by 50 ft garage-style building could handle this.

501 C 3

We have a valuable asset with the 501 c 3 designation. This allows donations to the club to be written off for IRS purposes. We feel that there should be one person designated to oversee such contributions. He should encourage donations through wills and by direct donations. He should encourage equipment donations for both club use and resale. There should be another person designated at a property custodian that would catalog donations and keep tract of them, and further when property declared surplus by the board, he should oversee the sale of this property. We are concerned at the present time with the security of donated property. Too much of has just disappeared.

Club Station:

The club station is of limited interest with the m jority of its members, but with the new license structure this may change. The club does need a station manage to be responsible for the station. At present, no one knows who does what there.

Repeaters:

The 2M repeaters at present are great. Both the .28 and the .38 machines serve the membership we We own a 220 machine and 70 cm. machine and encourage their activation and use. We should consider a 6M and even a 10M link to one of these units.

Canada has now a marine net on 2M that runs from Ma 15 to September 15 with a roll call to all marine hams covering Desolation Sound to Sidney BC every night. V could set up such a program for the South Sound and this would be a great public service. A net could be set for the semi-annual running of the Victoria to Maui Sailboat Race and the return of these vessels to the Pacific NW. Max Bice did this some years ago.

Thank you for the privilege of submitting this report. We do plan on another report in the Fall.

Tom Murphy, Jean Treloar, Robert Stewart

A second meeting of the Long Range Development Committee was held on November 4, 2000 with t addition of Dr. George Nobel attending. The previous minutes were reviewed and confirmed.

The practice of two formal meetings a month w discussed. It was felt that the second meeting could be on a more informal basis.

The teaching activities were reviewed and it wa felt that the Technician classes should be divided up b tween other radio societies is the area. General and ex classes should be held locally as the classes are small Another suggestion was to have project sessions such building a Fox Hunt Transmitter or packet node kit fron TARPR on Saturday mornings, with sessions taught by some of our expert technicians.

The thoughts about a meeting room on the So Washington street property were confirmed but this is long range. Clubhouse general plan has been confirm by the board and is in good shape now.

The 501c3 plan has been established and now good shape.

There is a station manager now,

The 70 cm. repeater is about ready to be activated. A 220 machine could be put up also.

Generally the board has addressed many of o concerns and is to be commended.

It has been a pleasure to be able to work with board this past year and we thank you.

Tom Murphy, N7QHX
Jean Treloar, KB7SVX
Robert Stewart, WB7QCS
George Noble, KK7FM

RADIO CLUB OF TACOMA
PO BOX 11188
TACOMA, WA 98411-0188

[ ] NEW MEMBER (ONE APPLICATION PER MEMBER)

[ ] RENEWAL (ONE RENEWAL FORM PER FAMILY OK)

MEMBER CATEGORY: [ ] FULL [ ] SENIOR [ ] ASSOCIATE [ ] FAMILY [ ] LIFE [ ] STUDENT [ ] REINSTATEMENT

Name_____ Call_____ Class_____ Birthday_____

Address_____ City/State_____

Zip+4_____ Home Phone(____)_____ Work Phone(____)_____

e-mail _____ Publish phone number/e-mail in the Club Roster? Yes [ ] No [ ]

Former Call(s)_____
Are you a Volunteer Examiner Yes [ ] No [ ] If Yes, which VEC_____

Occupation (or former occupation)_____ Employer_____

Are you a member of: ARRL [ ] ARES/RACES [ ] MARS [ ]

FAMILY MEMBERS NAME, CALL, AND LICENSE CLASS (RENEWALS ONLY)

_____

_____

_____

THE RADIO CLUB PARTICIPATES AND SUPPORTS THE FOLLOWING ACTIVITIES EACH YEAR. PLEASE MARK THE BOX IN FRONT OF THE ACTIVITY OR ACTIVITIES THAT YOU WILL HELP SUPPORT. WE URGENTLY NEED YOUR HELP AND SUPPORT, PLEASE CONSIDER AT LEAST ONE ACTIVITY THAT WE CAN COUNT ON YOU TO SUPPORT.

[ ] AWARDS BANQUET
[ ] FIELD DAY
[ ] RCT FLEA MARKET
[ ] BOOTH AT THE WWA FAIR
[ ] SWEEPSTAKES IN NOVEMBER
[ ] VE TEAM
[ ] LOGGER'S BARK MAILING PARTIES
[ ] TEACHING CLASSES
[ ] SCOUTS JAMBOREE IN OCTOBER
[ ] BEING AN ELMER
[ ] ARES/RACES
[ ] N KITSAP FLEA MARKET
[ ] OTHER MISC CONTESTS
[ ] MIKE & KEY FLEA MKT
[ ] RCT MUSEUM

Other hobbies, expectations, comment:_____

Do you own a computer? Yes [ ] No [ ] If so, what type?_____

How did you hear about the Radio club?_____

Seven dollars ($7.00) of your annual dues is the subscription fee for the Club's monthly newsletter(The Logger's Bark).

Club badges are available for $9.00. If you would like a badge, please PRINT the following:

Badge Name_____ Badge Call Sign_____

Applicant's Signature_____ Date_____

ANNUAL MEMBERSHIP DUES: FULL OR ASSOCIATE MEMBER $30
FAMILY MEMBER (AT SAME ADDRESS, FIRST TWO) $15 EACH (ALL ABOVE 2 ARE FREE)
SENIOR MEMBER (65 AND OVER) $25 FULL-TIME STUDENT (UP TO AGE 25) $15
LIFE MEMBERSHIP = 20 TIMES ANNUAL DUES (PAYMENT PLAN AVAILABLE)

FOR RCT USE ONLY

Dues received $_____ Treasurer's initials_____ Date_____
Badge fee rcvd $_____ Treasurer's initials_____ Date_____

RCT Number _____

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma, WA 98411

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RETURN SERVICE REQUESTED

COMING EVENTS

JAN 3 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

JAN 9 - License Exams - 7 PM - Clubhouse

JAN 10 - Club Meeting - Library Administration Center, 7:30 PM
Program: **THE 2000 FOØAAA DXPEDITION**

JAN 15 - BARK deadline

JAN 24 - Club Meeting - Library Administration Center, 7:30 PM
Program: **MINI FLEA MARKET**

FEB 3 - Pinochle Potluck - 7PM at the Clubhouse

FEB 7 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

FEB 13 - License Exams - 7 PM - Clubhouse

- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- **See page 3 for meeting program schedule.** Check the weekly net for updates to the program schedule.



WINTER WONDERLAND

January 2001

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 *JOHN KATLTW ARRL STRAIGHT KEY NIGHT 7P-7P	2 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R *DAN KC7IEI *JOHN N6FUS	3 7:30 PM RCT BOARD MTG	4 *JULIAN W7DXI	5 ARRL RTTY ROUNDUP	6  9:00 AM OPEN HOUSE 7:00 PM PINOCHLE POTLUCK *GARY W7DO ARRL RTTY ROUNDUP
7 ARRL RTTY ROUNDUP	8 *LOIS KC7SYU	9 7:00 PM ARES NET 145.37R 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R *DONALD K7LMN	10 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD *DEANNA N7WHC	11  LET IT SNOW, LET IT SNOW	12 *JOHN K7JWM	13  9:00 AM OPEN HOUSE N AMERICAN QSO PARTY-CW
14 *CHARLES WB7WOU *EDWIN KA7HZH N AMERICAN QSO PARTY-CW	15  BARK DEADLINE IS THE 15TH  MARTIN LUTHER KING DAY	16 7:00 PM ARES NET 145.37R 7:00 PM MVWS LICENSE EXAMS 7:30 PM RCT NET 147.28R	17 *MARV KG7V *WILLARD WA9RMK	18	19	20  9:00 AM OPEN HOUSE ARRL JANUARY VHF SWEEPSTAKES N AMERICAN QSO PARTY-PHONE
21 ARRL JANUARY VHF SWEEPSTAKES N AMERICAN QSO PARTY-PHONE	22 *LOUIS W7ENR *PETER KK7QW ARRL JANUARY VHF SWEEPSTAKES	23 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R *BOB AB7TW *JEAN WA7OII	24 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD	25 *DON W7DON	26	27  9:00 AM OPEN HOUSE
28 *BOB W7SKI	29 *KIRK KC7UFY	30 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R *CHARLES N7EEL	31 *LES WB7QCI			

December 2000

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

February 2001

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				1	2	3
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11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

*HAPPY BIRTHDAY

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXVIII NR. 1 | W7DK | JANUARY 2001

FROM THE PRESIDENT

Mick, KK7QS

Hello everyone! This is Mick, KK7QS. You have elected me as your President for the next 2 years. I'd like to thank all of you for your show of faith. I think, with the help of every one, we can do great things for the Radio Club. This next year will open lots of opportunity to head up projects and chair committees. I will put up lists of project and committees that will need someone to take the ball and run with, as the opportunities come up. These projects could be a real chance for you to take charge and get things done the right way. For those of you that are excited and just can't wait, there are several opportunities open right away. For instance, I will need someone to Chair and head up the Puyallup Fair booth this year. If you are interested in this, or any other projects, please let me know. My phone number and e-mail address are both published. I'm looking forward to a couple of fun filled years, that could help the club improve as a whole. After all the whole idea here is to make the club something that is fun for everyone. If everyone is having fun, it is easier to provide community services (our main stay). If no one is having fun, no one will come out to play. If no one comes out to play, everyone looses. Lets win this and have fun doing it. 73, Mick / kk7qs.

(Editor's Note: Mick, please forgive my error on your call last month… My ears weren't working - F or S? I got it!!)

Volunteer today!

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- ▶ **ARRL NEWS** - Page 8
- ▶ **CONTEST CALENDAR** - Page 14
- ▶ **MINUTES** - Page 12
- ▶ **ARES** - Page 4

RENEW YOUR MEMBERSHIP NOW!
Please fill out the member application (found elsewhere in this issue) and return to the club tresurer with your dues.
THANKS!

PINOCHLE



at the Clubhouse
1249 So. Washington
1st Saturday, Feb. 3rd
Pinochle & Potluck - 7pm
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898

RADIO CLUB OF TACOMA -- 1999

PRESIDENT	MICK PIER	KK7QS	847-8223
V PRESIDENT	MOREL GUYOT	W6LIX	838-5433
SECRETARY	ED ROOT	KC7OKS	851-7463
TREASURER	ROGER TERWILLIGER	WA7ANJ	475-4293
BOARD (5)	AL BURLESON	K7HW	474-9023
	WORTH GURLEY	W7WG	582-3844
	RICH MANSON	N7ANF	474-8883
	GEORGE NOBLE	KK7FM	756-1127
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PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call a club officer to pass on the word to the appropriate person(s).

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.28 / .88 MHz **144.97 - Packet**
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Arthur Allen, KD7KQE RCT # 2082
6901 164th St E
Puyallup, WA 98375-7245 Phone-next month's Bark

Reinstatements

Address/Phone Changes/Corrections

Thomas A Colon, KC7TVO
1108 88th Ave SE
Tumwater, WA 98501-5759

Wade Palmer, W7OHG
2118 S Union Ave Apt 6
Tacoma, WA 98405-1031

Dan McConnell, AJ7K
4301 Norpoint Way NE Apt 15B
Tacoma, WA 98422-1587

E-Mail Address Changes/Additions

New Calls/Upgrades

Silent Keys



ADDRESS CHANGES

Remember to notify us if your address changes a any time during the year. Your Bark will not com to you if your address has changed since the Pos Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to Shirley, N7QHW, @ 253-265-3661

COMING PROGRAMS AT RCT

JANUARY 10TH - THE 2000 FOØAAA DXPEDITION - A professionally produced video of the recent radio expedition to a rare island. The difficulties and dangers of such a trip are shown. Interesting historical events are described.

JANUARY 24TH - MINI FLEA MARKET - Bring items to sell. Bring money to buy!
If you bring heavy items, please bring some cardboard to prevent scratching the tables. Please mark prices on all items.

FEBRUARY 14TH - THE AMATEUR RADIO EMERGENCY SERVICE (ARES) - (This program was scheduled for December, but was postponed due to inclement weather)
Part 97.1 of the FCC rules lists five reasons as the Basis and Purpose for the existence of the Amateur Radio Service. The first reason is the value of the Amateur Radio Service for providing the public with voluntary emergency communications. In order to justify our continuing use of our many bands of frequencies, we must be available for this purpose. Shirley Murphy, N7QHW, and Alan Hughes, KB7SVU, will explain how Radio Club members can be a part of this effort.

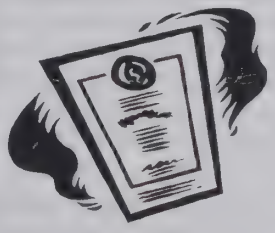
Radio Club of Tacoma License Exams

JANUARY 9, 2001
FEBRUARY 13, 2001

7 PM RCT Clubhouse
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.65. For information call: Shirley Murphy, N7QHW @ 253-265-3661

Fee as of Jan. 2001 – $10



FIRST CONTACT AWARD

Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First Contact Award will be issued.

RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.
SIZES Small through XL ARE $39, XXL ARE $46 AND XXXL ARE $52.00.
GET ONE NOW!
Call Shirley, N7QHW, at 253-265-3661, to order yours today!



ARES/RACES

...de Shirley Murphey, N7QHW

As always, remember in times of need to tune into 145.37 repeater and see if anything is happening. If help is needed, please jump in with your call and volunteer to help. Don't wait for the phone to ring, just get on the air and volunteer.

Public Service Events will be forth coming soon for the year 2001, so stay tuned for announcements of needs on the weekly net at 7:00 PM on Tuesdays on 145.37 repeater and remember, VOLUNTEER. We are still in the River Watch and flooding mode, which could still occur. We always need lots of volunteers so please consider helping. Remember as a member, we feel it is essential that each person participate in at least one event or drill each year.

ARE YOU READY?

RACES

RADIO AMATEUR CIVIL EMERGENCY SERVICE is a public service that provides a reserve communications group within government agencies in times of extraordinary need. During periods of activation, RACES personnel are called upon to perform many tasks for the government agencies they serve. Although the exact nature of each activation will be different, the common thread is communications.

The Federal Communications Commission is responsible for the regulation of RACES operations. The Amateur Radio Regulations, Part 97, Subpart E, were created by the FCC to describe RACES operations in detail. Each RACES group is administrated by a state, county, or city emergency services or emergency management organization responsible for disaster services. These organizations may sometimes be within another agency such as police or fire. In some areas, RACES may be part of an agency's Auxiliary Communications Service (ACS).

RACES is further sponsored by the Federal Emergency Management Agency (FEMA) through FEMA Civil Preparedness Guidance developed in March 1991. This guide provides guidance on developing a RACES group and planning for their use. It is available for viewing/downloading at
www.fema.gov/library/civilpg.htm

RACES IN WASHINGTON

RACES in Washington was established under the FEMA guidelines and implemented through the State Radio Amateur Civil Emergency Service Plan done in November 1995. It is available for viewing/downloading at www.wa.gov/wsem Go to the "Publications" button, then "Plans" button, then click on "RACES Plan".

Basically, the plan provides guidance and responsibilities on how amateur radio, through the RACES program and organizations can be employed to support state and local government (city/county) emergency operations. In Washington, employment of amateur radio through RACES is paramount during emergencies or disasters where normal governmental communications systems have sustained damaged or a overwhelmed. Some of these needs may be but are not limited to:



- Back-up communications between state and city/county emergency operations centers
- Back-up communications for E-9-1-1 centers, fire and/or police departments
- Emergency communications for shelters
- Other emergency support as needed

ARES

The AMATEUR RADIO EMERGENCY SERVIC is a voluntary organization of licensed radio amateurs who have registered their capabilities and equipment fo providing emergency communications as a public servic to the community. The purpose of the ARES is to furnis communications in the event of natural disaster, when regular communications fail or are inadequate. ARES i sponsored by ARRL and functions at the local level to meet local communications needs.

Every licensed amateur, whether or not a mem ber of ARRL or any other local or national amateur organization, is eligible for membership in the Emergency Service. The only other qualification is a sincere desire serve. The possession of emergency powered equipment is desirable, but is not a requirement.

PUBLIC SERVICE COMMUNICATIONS



Amateur Radio exists because it qualifies as a service. Its continued existence depends to a great degree not on the service we have performed in the past, or on our simple potential for service, but on what we are performing now and will continue to perform in the future. Recognizing this principle, ARRL in 1935 organized wh is now known as the Amateur Radio Emergency Servic in 1949, the National Traffic System. This combines th emergency preparedness program of the ARES with th daily traffic handling program of the NTS into a single strong facility for rendering continuous service to the p lic at the same time the emergency preparedness program is kept always up to date by frequent drills and

tests. In an emergency, the NTS serves as the vehicle for relay of traffic over medium and long distances while local ARES nets take care of local communications and deliveries. Close liaison is maintained between these two divisions.

This is not all there is to Amateur Radio public service, of course. In 1966, the ARRL Board of Directors recognized RACES as a nominal part of the League's public service program. It, along with a number of other private agency, government and individual amateur sponsored groups are recognized and supported by ARRL whenever possible, but the League does not presume to control their operation. Public service requires the participation of all interested amateurs in whatever way suits their individual inclinations. The League's formal program (ARES and NTS) is the largest and most extensive such program in existence. All amateurs are urged to take part.

Emergency service activities in each ARRL section are under the direction of the Section Emergency Coordinator (SEC), appointed by the Section Manager (SM) as his/her representative in such matters. Groups of cities and towns (counties, civil preparedness districts or zones, etc.) are under the jurisdiction of the District Emergency Coordinator. The amateurs in each community within the Section register their facilities with the local Emergency Coordinator (EC) who, in turn, represents the Amateur Service in its dealing with civic and relief agencies.

Application forms for registration in the ARES are available from me, N7QHW, or Alan, KB7SVU. ARES registration does not constitute an official ARRL appointment; it is simply a registration of your facilities and availability for emergency work, which the local EC keeps on file to be used as a basis for his/her plans and talks with local government and relief officials regarding local emergency communications problems. The registrant is issued a card (by the EC) signifying his/her membership in ARES. In Pierce County, this card is a state worker identification card or more commonly referred to as "DEM Card".

ARRL FIELD ORGANIZATION

The country is divided into administrative units called **sections**. There are sixty-nine sections, each managed by a **Section Manager**, who elected by the section's ARRL membership. They serve two-year terms. The Section Manager calls the shots on all Field Activities in his/her section. The "SM" appoints nine key assistants called **Section appointees** who conduct the symphony of services performed by station appointees. While there is only one **Section appointee** for each function, there are many **Station appointees** who do the work under the supervision of the **Section appointee** in charge of that function.

Official Relay Station

Official Relay Stations send, receive, originate and deliver formal messages on behalf of the public, and report activity to their Section Manager and Section Traffic Manager.
Qualifications: Full ARRL Membership and Novice or higher class license.

Official Emergency Station

The Official Emergency Station is ready, willing, and able to answer the call when normal communications are down.
Qualifications: Full ARRL Membership, Novice or higher class license, and emergency power.

Official Bulletin Station

The Official Bulletin Station transmits official ARRL and local bulletins of interest to radio amateurs via local and section nets, on the air bulletin board systems, and other information outlets. Getting the word to the troops on current events in Amateur Radio is one of the most crucial jobs in today's Field Organization.
Qualifications: Full ARRL Membership and Novice or higher class license.

Public Information Officer

The active Public Information Officer makes sure Amateur Radio is seen in a positive light by the public. The PIO is often responsible for recruiting neighbors and others in the community into the ham radio fraternity through his/her PR efforts.
Qualifications: Full ARRL Membership and Novice or higher class license.

Technical Specialist

The Technical Specialist is the point man for questions from Novices and old timers alike. This person also steps in to assist with local RFI problems.
Qualifications: Full ARRL Membership and Novice or higher class license.

Local Government Liaison

The Local Government Liaison is primarily responsible for monitoring such proposals and actions by local government bodies and officials. They work with the local PIO to alert section leadership officials and area amateurs, and coordinate responses.
Qualifications: Full ARRL Membership and Novice or higher class license.

Official Observer

Official Observers are now full fledged members of the Amateur Auxiliary to the Federal Communications Commission. In addition to regular monitoring of the ham bands to advise hams of operating discrepancies, they now play an active role in evidence gathering in serious cases to be brought to the attention of the FCC. The OO must now pass a test on knowledge of the Amateur Auxiliary program. (This is the official agency consisting of volunteers who monitor and advise amateurs of on the air discrepancies.)
Qualifications: Full ARRL Membership, Technician or higher class license for at least four years, and certification in the Amateur Auxiliary.

Section Leadership

Assistant Section Mangers assist the Section Manager as generalists or specialists. These positions are appointed by the Section Manger.

The **Bulletin Manger** goes a step beyond to provide information on the hot issues of the day to all radio amateurs. These key leaders serve as information management specialists, working closely with Section Managers, Public Information Coordinators, State Government Liaisons, and others to provide an informed amateur

community.

The **Public Information Coordinator** has the important responsibility of ensuring a favorable public impression of Amateur Radio.

The **State Government Liaison** monitors state legislation affecting Amateur Radio, and musters the troops when a position needs to be taken to state decision makers. It's a critical job when it comes time to defend our service against overzealous municipal and state governments trying to pass unreasonable antenna height, RF radiation and other laws and ordinances.

The **Affiliated Club Coordinator** acts as the SMs ambassador of goodwill to the section's ARRL affiliated clubs. He or she gives club talks, and promotes affiliation among non-affiliated clubs.

The **Section Traffic Manager** conducts the smooth operation of Official Relay Stations and Net Managers to see that traffic flows smoothly through the traffic system.

The **Section Emergency Coordinator** is the problem solver when it comes to emergency communications, rallying the support of his/her team of **District Emergency Coordinators, Emergency Coordinators, Official Emergency Stations** and registered ARES stations.

The **Technical Coordinator** advises section members on just about everything under the solar cell. He also helps **Technical Specialists** help section hams with their technical questions and RFI problems.

The **Official Observer Coordinator** advises the official observers and interfaces with other critical Amateur Auxiliary volunteers to help keep amateur stations' operations clean and within FCC Rules and helps FCC clean out stations that aren't.

The **Net Manager** is appointed by the SM or STM to direct the work of a National Traffic System affiliated net of traffic handlers in the section. The NM is responsible for keeping order on the net and ensuring liaison responsibilities to other NTS nets are met.

The **Section Manager** is where the buck stops in all section affairs. He or she also serves on the Division Director's cabinet to advise on matters of ARRL policy. Section Managers usually have amassed considerable experience in various Field Organization roles before aspiring to this top job.

Qualifications: Full ARRL Member for at least two years prior to nomination. Technician or higher class license.

NATIONAL TRAFFIC SYSTEM (NTS)

NTS is the principal facility for medium and long distance traffic. It is organized on the basis of daily operation, in consonance with the operating habits of the average amateur. In emergencies, NTS is geared to go into continuous operation in accordance with the needs and extent of the particular emergency encountered.

It consists of four levers of nets which operate in an orderly time sequence to effect a definite flow pattern for traffic from point of origin to point of destination. These are:

- Local **Nets**—covers small areas such as city, county metropolitan area.
- **Section Nets**—handles intrasection traffic, distribute traffic coming down from higher NTS nets and put traffic in the hands of the amateur designated to report into the next higher NTS net
- **Region Nets**—covers a wider area such as a call area, exchange traffic among the sections in the region and put out of region traffic in the hands of stations designated to handle it and distribute traffic coming to the region from outside among the sectio representatives. Region Net Managers are appointed by ARRL Headquarters under the supervision of the ARRL Field Services Manager.
- **Area Nets**—highest level of traffic net, 3 are named Eastern, Central and Pacific. Nets are administered by ARRL Field Service Managers.

WHEN IS IT RACES? OR ARES?

There is a generalized description to tell the difference, which usually fits most situations. But of course there is always the exception to the rule. Basically, it is RACES event if the DEM or the appropriate government agency activates the unit. These events would be disas ters, floods, hazardous spills, fires, train wrecks, airplan crashes, etc. One rule of thumb used is if the normal agencies used to handle the incident are stretched beyond their capabilities, it may be considered a disaster and the troops will be called out.

Most public service events such as parades, walkathons, runs, etc are non-emergency events and would be considered an ARES event. But the non-emergency events such as these are the training groun for RACES so they are often designated as a RACES event for training purposes.



Remember to check your Department of Emergency Management (DEM) card to be sure it has not expired. If it has, you need to fill out a new application and turn it in to Shirley, N7QHW. PLEASE take note that if your DEM card has expired and there is not a current card on file in the DEM office, you HAVE BEEN REMOVED from the list of volunteers. To be eligible again, you simply need to fill out a DEM application. Be sure to turn them in to Shirley, N7QHW so that all of ou records are up to date. By the end of August, all perso with expired Department of Emergency Management Cards will have been removed from the list. You are more than welcome to become a member again by requesting an application and sending it to Shirley, N7QHW.

Do you want to get involved? Simply contact Alan Hughes, KB7SVU at 253-840-4947 and let him know.

73 Shirley, N7QHW

TECHNICIANS

UPGRADE TO GENERAL CLASS

FREE CLASS - BEGINS JANUARY 4TH

FOR SIX THURSDAY EVENINGS

CONTACT JERRY, W7BUN - 253-845-7652

THIS WINTER WE'RE AT THE PEAK OF THE 11-YEAR SUNSPOT CYCLE. WITH A GENERAL CLASS LICENSE YOU WILL BE ABLE TO "WORK" THE ENTIRE WORLD WITH MINIMUM POWER AND SIMPLE WIRE ANTENNAS.

TUESDAY NIGHT NET NOVEMBER CHECK-INS

CALL	NUMBER OF CHEK-INS	NAME
K3ROT	1	BYRON
KD6ILO	1	MARIO
W6LXI	1	MOREL
KD7AAG	2	MARK
N7ANF	3	RICH
KJ7BN	2	MARILYN
AC7BU	3	AL
K7BUD	3	BUD
W7BUN	1	JERRY
KD7CZS	4	RAY
W7DON	2	DON
W7EC	2	HAL
KK7FM	2	GEORGE
KD7GOR	3	BILL
KD7GTZ	1	VERN
KA7HJN	1	CHUCK
W7IMW	4	JACK
KA7IOX	2	SCOTT
K7JIL	4	JILL
KC7JME	3	NORA
AC7JY	4	FRANK
KC7KAQ	2	STEPHEN
KD7KPZ	1	DANA
KD7KQA	4	SCOTT
KD7KPY	3	KEITH
KC7KRH	1	BOB
NN7L	3	JASON
N7MF	1	MIKE
KA7MYU	1	LES
KC7OQN	1	JOHN
KC7OQW	3	JOHN
KC7OQX	4	SUSAN
K7PUC	1	AL
KB7QAG	3	JEFF
N7QHW	3	SHIRLEY
N7QHX	3	TOM
N7QOZ	2	BOB
KK7QS	1	MICK
KK7QW	2	PETE
W7RW	2	ANDY
KC7SAA	2	ED
W7SKI	2	BOB
KG7SM	1	BOB
KB7SVX	1	JEAN
KB7SWW	2	BOB
W7TEL	3	DAN
N7UIE	1	BRENDAN
KC7VUQ	1	JOHN
KC7VUM	2	LOU
KB7WDB	3	LOU
W7WG	3	WORTH
KA7WGG	2	LORRAINE
KB7ZDR	1	MIKE
KB7ZDS	1	GARRY
KC7ZMW	1	JESSICA
W9BYH	2	BILL

NET CONTROLS

NOV	7	KK7QS
NOV	14	W7BUN
NOV	21	AC7BU
NOV	28	K7BUD

ARRL MEMBERSHIP

If you haven't joined or re-joined the ARRL, please do so through the Radio Club of Tacoma! The ARRL is the major voice for Amateur Radio in the US and, besides providing a wealth of information to its members, they provide us with a voice in Washington to help protect the interests of all amateurs. Additionally, RCT is an ARRL Special Service Club and RCT needs to have at least 51% of its members belong to the ARRL to retain its Special Service Club status. See the Treasurer for application forms, and bring your ARRL renewal notices and rejoin through the club. The club receives a commission for each new or renewed membership sent through the club.

JOIN TODAY!

See our club treasurer for details.

SPECIAL SERVICE CLUB

◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet.

AO-40 (PHASE 3), WHERE ARE YOU? SATELLITE'S BEACON GOES SILENT

AMSAT reports there's a problem aboard AO-40. The Amateur Radio satellite has not been heard from since December 13, and for the AO-40 ground crew the silence is deafening. AMSAT says the AO-40 development team is looking into the problem. Command stations on the ground have been unable to reestablish contact with the Amateur Radio satellite. It was hoped that onboard computer timeouts--so-called "command-assist" software watchdog routines--would restart the beacon telemetry and give the ground crew some clues as to why AO-40 suddenly stopped transmitting.



"There were no observations, and command stations tried to re-establish communication by sending blind commands," AMSAT-DL's Peter Guelzow, DB2OS, of the AO-40 team, said after the first watchdog routine date passed December 16. A second watchdog date of December 21 also passed without any apparent reset.

The second reset would have cycled the satellite through various receive, transmit, and antenna modes. Guelzow said the watchdog routines only will work if the onboard computer software has not crashed.

When and whether the satellite will be heard from again depends, in part, on whether AO-40 has picked up any of the "blind commands" sent by ground controllers. If AO-40 did pick up some commands, Guelzow said, the command-assist watchdog would be reset for another 10 orbits. That could extend the wait until Christmas.

Ground controllers want to avoid doing a hard reboot of the main computer. "If the IHU has crashed, then a reset command can be issued from the ground," Guelzow said. "This would be the last resort." He said ground controllers will thoroughly check out and analyze all other possibilities before issuing a hard reset command. "There is no need to hurry, and the command team doesn't want to miss any option," he said.

The AO-40 team is continuing to investigate reports of weak signals on the 2-meter downlink frequency of 145.898 MHz that seem to be coming from AO-40, but it has discounted reports of telemetry heard there as a hoax. Other reports persist of a weak, unmodulated carrier, however.

Guelzow said the AO-40 team was encouraged by a report from the North American Aerospace Defense Command--NORAD--indicating that AO-40 was in one piece, that the orbit was exactly where it should be, and that the radar cross-section was as expected. Guelzow said the NORAD data counter rumors that AO-40 might have exploded.

Guelzow also has found himself fending off criticisms that AO-40 was launched with known problems in the helium valves that control fuel flow to the onboard 400-Newton propulsion system. "There were no known problems," Guelzow said in a posting to the AMSAT bulletin board. He said a valve which seemed not to operate correctly during ground testing was sent back to its US manufacturer and repaired.

Guelzow said the valve and pressure regulator worked perfectly during pre-launch testing. "All other subsystems worked perfectly, including the 70-cm TX," he said.

ARRL SEEKS FCC REVIEW, REVERSAL OF WIRELESS BUREAU PRB-1 DENIAL

The ARRL is asking the full FCC to review part of an FCC Order that declined to include CC&Rs--covenants, conditions and restrictions--under the limited federal preemption known as PRB-1. Imposed by private homeowners' associations or by developers, CC&Rs--also known as "restrictive covenants" or "deed restrictions"--often impede or prohibit the installation of outside antennas.

"ARRL's petition relative to the application of its PRB-1 policy to private land use regulations has not, to date, been afforded a thorough review or a fair analysis," the ARRL said in its Application for Review, filed December 15. The ARRL maintains that the FCC should have the same interest in the effective performance of an Amateur Radio station and in the promotion of amateur communications regardless of whether the licensee's property is privately or publicly regulated.

In November, FCC Wireless Telecommunication Bureau Deputy Chief Kathleen O'Brien Ham--acting under "delegated authority"--turned down an ARRL Petition for Reconsideration that--among other things--called on the FCC to declare that PRB-1 applies to amateurs governed by CC&Rs or condominium regulations just as it does to hams regulated solely by local zoning laws. The ARRL now wants the full Commission to review--and reverse--O'Brien Ham's decision.

The ARRL has argued that since PRB-1 was promulgated in 1985, the FCC has made it clear that it has Congressional authority to prohibit restrictive covenants that could keep property owners and even renters from installing antennas to receive TV, satellite and similar signals. The same principle applies to Amateur Radio, the ARRL asserted.

The FCC cannot use the private contractual nature of covenants "as a justification for the arbitrary and disparate treatment of radio amateurs similarly situated," the League said.

The ARRL made it clear, however, that it's not seeking any kind of preferential treatment from homeowners' associations, architectural committees or condominium boards. "It would be entirely consistent with PRB-1, for example, for a homeowners association to permit only a relatively small antenna in a planned community, such as a backyard, ground-mounted vertical antenna or

one of the small Yagi configurations similar to an outdoor television antenna," the ARRL said.

The ARRL said that since the FCC already has jurisdiction to apply PRB-1 to all types of land-use regulation and has said it's willing to "encourage" private land-use authorities to apply PRB-1, "there is no legal or policy reason for continuing the distinction" between private and public land-use regulation with respect to amateur antennas. The ARRL asserts that Amateur Radio operators should be able to negotiate "reasonable accommodation" provisions with local homeowner's associations just as they now may do with governmental land-use regulators.

Many amateurs now say it's impossible to find desirable housing that comes without CC&Rs. The League's Regulatory Information Branch reports that the topic of restrictive covenants and antennas is one of the most frequently raised by members contacting the ARRL for information.

A copy of the ARRL's Application for Review is available on ARRLWeb at `http://www.arrl.org/announce/regulatory/prb-1/prb1afr.html`

ARISS SUCCESS! ILLINOIS KIDS ENJOY HAM RADIO SPACE CHAT

It was a historic moment for Amateur Radio. Several hundred youngsters, teachers, parents, and news media representatives were on hand at Luther Burbank Elementary School near Chicago December 21 for the first successful Amateur Radio on the International Space Station school contact.

The third time was indeed the charm, as several pupils plus one teacher got to chat with Space Station Alpha Commander William "Shep" Shepherd, KD5GSL, via ham radio. Earlier attempts to contact Shepherd on December 19 had not worked out, despite the extensive technical preparations.

On December 21, however, Shepherd, using the special NA1SS call sign, came right back to a call from veteran SAREX/ARISS mentor Charlie Sufana, AJ9N, at the school. Braving repeated snowstorms and frigid temperatures, Sufana and his ARISS team had spent the better part of two weeks setting up gear and antennas for the scheduled contact. The effort paid off.

"I'm happy that we were able to pull it off," Sufana said. "The kids were bouncing off the walls."

During the 10-minute pass, 14 first through eighth graders plus science and math teacher Rita Wright got a chance to pose questions about life aboard Space Station Alpha to Shepherd.



Maybe NOT that spaceman...

"I think the most favorite thing about being on space station is just the ability to float around in space," Shepherd said in response to one student's question. "It's like you're not moving at all. You're just like in a pool and you can move anywhere you want, but there's no water in it."

Shepherd said the crew is keeping detailed logs about life on the space station. He said the crew was enjoying taking pictures of Earth from space, "because you can see things that you can't see from the ground."

At the conclusion of the successful contact, the grateful crowd applauded loudly and offered up a hearty "thank you!" and "73!" to Shepherd and his Russian crewmates. Shepherd signed off by saying that he enjoyed the chat and was looking forward to more school QSOs with youngsters around the country. Another two dozen schools are under consideration for ARISS school contacts. Schools in Virginia and New York are tentatively scheduled for contacts next month.

BOUVET (3Y) IS IN THE AIR!

Astronaut Chuck Brady, N4BQW, is on the island of Bouvet (3Y) and on the air using the call sign 3Y0C. Bouvet is the 10th most-wanted entity on The ARRL DXCC List. Brady, a group of scientists from South America and a team leader from Norway will be there for three months for scientific studies. This is not a DXpedition, but Brady expects to find some time to operate and has been on 20 meters SSB. QSL via WA4FFW. For more information, visit the Amateur Radio Infoline site, `http://www.qsl.net/zr1dq`



POSTAL RATES FOR DXERS

The cost of an international Reply Coupon (IRC) will increase from $1.05 to $1.75 on January 7. A one-ounce letter sent via air mail to anywhere in the world (except Canada and Mexico) will cost 80 cents. A two-ounce air mail letter will cost anywhere from $1.55 to $1.70, depending on where it's going. The complete rate schedule is available on the USPS Web site, `http://www.usps.gov/news/2001rate.htm`

TAXIS IN SPACE, 20-METER TICKS CHALLENGE INTRUDER WATCHERS

Interference to the AO-27, UO-14, SO-35 and possibly other Amateur Radio satellites tentatively has been traced to taxi fleet transmissions from south of the US border. "The stations appear to be unlicensed Mexican taxi operators operating in the satellite uplink portion of the band," said Brennan Price, N4QX, of the ARRL Monitoring System. AMSAT News Service reports that severe interference from other allegedly unlicensed Spanish-speaking stations continues on 145.850 and 145.825 MHz and transmissions were being picked up by UO-14 and SO-35.

"Since VHF signals don't go so far, except via satellite, finding these folks is tough," Price said.

IARU Region 2 Monitoring System Coordinator Martin Potter, VE3OAT, reports that one signal source in Mexico that was interfering with the AO-27 uplink was located, thanks to intervention from FMRE, the Mexican IARU society. FMRE reported the situation to COFETEL, the Mexican telecommunications authority. COFETEL made the taxi drivers move away from the AO-27 uplink, but taxi operations continue on other 2-meter frequencies, and AO-27 was still experiencing similar interference at last report.

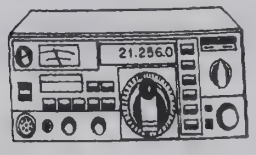
Meanwhile, the FCC tentatively has identified a mysterious "tick-tick" intruder signal as the third harmonic of an ocean current-sensing radar near Atlantic City run

by Rutgers University. The FCC directed the licensee to eliminate the harmonic but did not order the transmitter shut down. The transmitter manufacturer has since installed a low-pass filter to eliminate the interference. The "tick" showed up from 14.275 to 14.381 MHz.

The typical signal of the experimental Rutgers radar system is 25 kHz wide. While the tick was audible, it did not present significant interference to amateurs.

ARRL'S "RADIOS ON-LINE" SERVICE NOW FREE TO MEMBERS

Listing a classified ad to buy and sell Amateur Radio-related equipment on the ARRL's Radios On-Line service now is free to League members. Listings will continue to be available for viewing by everyone, but now that Radios On-Line is an ARRL membership benefit, only League members may post ads. ARRL members now will be able to post free ads up to 100 words--subject to a few rules. Members first must register for access to the ARRL members-only pages and be logged on as a member in order to post ads. Classifieds listed on Radios On-Line will remain posted for 30 days unless canceled earlier.



Radios On-Line is for noncommercial, personal use. There are no provisions for nonmembers to post classified advertising. The service provides for listings in more than two dozen categories. Members may list ads seeking or selling Amateur Radio-related equipment. The site includes a search engine to look for specific items.

The ARRL does not warrant any items advertised on Radios On-Line, nor are individual advertisers subject to scrutiny. The ARRL reserves the right, at its discretion, to decline a listing or to discontinue an ad without prior notice.

Visit the Radios On-Line site: `http://www.arrl.org/RadiosOnline/` to place or view ads.

PRESIDENT SIGNS CB ENFORCEMENT BILL

President Bill Clinton has signed legislation that permits the enforcement of certain FCC Citizens Band regulations by state and local governments. Amateur Radio operators are exempt from the provisions of the law, now PL 106-521.

Congressional lawmakers saw the measure as a way to give a voice to those experiencing radio frequency interference resulting from illegal CB radio operation. The FCC will not yield its authority to regulate Citizens Band or other radio services, however.

In short, the measure authorizes states and localities to enact laws that prohibit the use of unauthorized CB equipment--consistent with FCC regulations. This would include the use of high-power linear amplifiers or equipment that was not FCC-certificated.

FCC-licensed stations in any radio service--including the Amateur Service--are excluded from such state or local enforcement, and state or local laws enacted under this legislation must identify this exemption.

The bill--HR.2346 is the House version; it was S.2767 in the Senate--actually is the old Senate "Feingold bill" from several sessions ago. The bill's sponsor, Rep Vernon Ehlers of Michigan says local hams asked him to support the bill because of the bad rap they were getting from illegal CBers using high-power linear amplifiers that resulted in TV and telephone interference while the CBer involved hid behind federal preemption.

As did Feingold before him, Ehlers asked the ARRL to review his measure to ensure that it would not unintentionally harm Amateur Radio.

A copy of the new legislation is available on the ARRL Web site at `http://www.arrl.org/news/stories/2000/11/29/3/cbbill.html`.

FCC TO ACCEPT INTERNET DATA TO IDENTIFY SILENT KEYS

The FCC now is prepared to accept a printout from an Internet Web site as sufficient proof of death to cancel a license in the Amateur Service. The FCC will continue to accept death certificates and published obituaries, and now can accept multiple cancellation requests.

According to a spokesperson in the FCC Licensing and Technical Analysis Branch in Gettysburg, the FCC now can accept a printed copy of information appearing on the Internet as adequate proof of death "provided the printout contains certain, verifiable, information." The Licensing Bureau also will accept a list--with supporting documentation--of multiple requests for cancellation of amateur licenses.



"It's basically no different than us taking reques today, other than a person can now send multiple canc in one request and can also send documentation printe from a reliable Web site," the Licensing Branch spokes person said. "We still require the same information."

According to information on the FCC's vanity W site, `http://www.fcc.gov/wtb/amateur/vnityfaq.html`, individuals can report the death of a licensee by submitting a signed request for license gra cancellation accompanied by a copy of an obituary or death certificate to the Licensing Branch. The FCC say it's been able to match up the name, address and birth date of the deceased included on some submittals it's ceived via the Ancestry.com site (`http://www.ancestry.com`) on the Internet. "The validity of these printouts as proof of death is equal to the same level o sufficiency as an obituary, in terms of reducing the risk the inadvertent cancellation of a valid amateur call sig the FCC spokesperson said.

BOARD TO CONSIDER MORSE CODE POLICY REVIEW

The ARRL Board of Directors will review the League's position on the Morse code as an internatior licensing requirement when it gathers for its annual m ing in January. Because the issue is expected to com

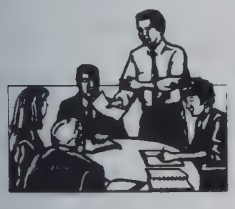
at the IARU Region 2 Conference next October, the ARRL Executive Committee decided at its November 11 meeting in Irving, Texas, to place the issue on the Board's January agenda.

The ARRL's Morse policy was formalized by Board resolution in 1993. It supports the retention in the International Radio Regulations of the provision obliging administrations to require that applicants demonstrate ability to send and receive Morse code before they may operate below 30 MHz. Consistent with that policy, ARRL International Affairs Vice President Rod Stafford, W6ROD, cast the lone dissenting vote earlier this year at the IARU Region 3 Conference in Australia on a motion calling for the eventual elimination of Morse as an ITU requirement for HF operation.

In January, the Board may decide to reaffirm this policy, to modify it, or to seek additional input from members. In the past, a majority of members has supported the policy.

The Executive Committee also proposed that the Board determine a process for soliciting membership input on possible repartitioning of the HF bands in restructuring's wake. As part of its original restructuring package, the League had proposed "refarming" the current Novice bands to allow for more efficient use of the most crowded HF allocations. The FCC has declined to take up any possible repartitioning, however, until it's had a chance to gauge the effects of restructuring. Amateur Radio license restructuring became effective last April 15.

In other action, Stafford and ARRL Executive Vice President David Sumner, K1ZZ, reported briefly on preparations for WRC-2003. Stafford is focusing on developing support for the Amateur Radio 7 MHz position within Region 2. The IARU seeks a 300-kHz worldwide amateur allocation in the vicinity of 7 MHz. Sumner has been named to the core IARU delegation to that conference.



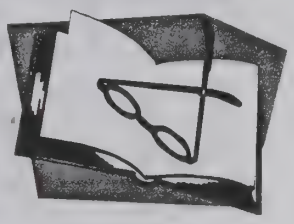
The Executive Committee also heard a wide-ranging update of other FCC matters, including the League's efforts to gain primary amateur status at 2400 to 2402 MHz and at 2300 to 2305 MHz.

Sumner observed during the meeting that the Amateur Radio Spectrum Protection Act bills--HR 783 and S 2183--were not likely to be enacted during the "lame duck" session of Congress that's just ahead. Principal sponsors of both bills are returning to Congress in January and may be asked to reintroduce the legislation.

The Executive Committee also briefly discussed legislative restrictions on the use of cell phones that have been popping up in various localities. Hudson Division Director Frank Fallon, N2FF, noted that an effort is underway in New Jersey to exempt Amateur Radio operation from the effects of such legislation.

Amateur Radio Exams

in the Puget Sound Region as of November, 1999



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Thursday - 7:00 PM, **Bonney Lake** Library,18501 90th St East – Contact Roxann Holwege, AB7HO, at 253-862-8905

2nd Tuesday - 7:00 PM - Radio Club of* Tacoma *Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Bill Thompson, K7OLY, Tumwater, 360-236-9048

2nd Saturday - 10 AM - **Tukwila** - Denny's Restaurant, #3 13100 48th So., Contact Mary Lewis, W7QGP, 206-523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 Tobin Street - Contact Jan VanAllen, K7YH, in Kent, at 206-824-9039.

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

3rd Saturday - 10 AM - **Shelton** - Shelton Airport - Contact - Dick Bostrom, N7LD, 360-426-4627, Shelton

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Bill Thompson, K7OLY, Tumwater, 360-236-9048

4th Saturday - 10 AM - **Everett** - Everett Housing Authority - 14th and Popular - Contact Loren Hole, KK7M, 425-335-5158, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Walt Winters, AA7TL, 360-692-8326, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - 253-845-7652



MEETING MINUTES

Radio Club of Tacoma
General Membership Meeting
8 November 2000

Meeting opened at 7:33 PM by President Alan Hughes, KB7SVU. Alan also led the flag salute.

Correspondence: Normal bills and statements.

Introductions were made around the room.

Health and Welfare: Wade Palmer, WA7OHG, and Bob Lyon, KB7GTE, both under the weather.

Jerry, W7BUN, announced the next program, Al Haynes, United pilot, about his accident and the role communications played in it. Tonight's program is a video on contesting. December 13, 2000 will be a program on ARES/ RACES.

There will be no second meeting in December.

Election Results: Mick Pier, KK7QS, President
Roger Terwilliger, KA7ANJ, Treasurer
Worth Gurley, W7WG, Board Member
Frank Palmer, AC7JY, Board Member

Committee Reports:

Training: We need some more people for a General class.

ARES/RACES: They are redoing the county EOC center. Rich Manson spoke about the Saturday open houses at the clubhouse, and the Dec. 17th, potluck/banquet that will also be held at the clubhouse, at 2 P.M.

Good of the Order: Drawings won by, Shirley, N7QHW; George, KK7FM; and Carl, KD7GZY

Adjourned at 8:48 PM.



Radio Club of Tacoma
General Membership Meeting
22 November 2000

The meeting was opened by Alan Hughes, KB7SVU, who also led the flag salute. It was announced that due to the program and the fact that it was the second meeting of the month, the meeting would be abbreviated as to business.

Program: The program was introduced by Shirley Murphey, N7QHW. She introduced Al Haynes, retired United Airlines pilot. He spoke about the accident he had at Sioux City, SD, with a DC-10 that had lost all hydraulic systems. He told how preparedness, luck and communications all played a major role in the survival of so many people.

Good of the Order: Doorprize drawings were held.

Adjourned at 9:38 PM.

TREASURER'S REPOR

November 2000 SUMMARY

INCOME	
DUES INCOME	$25.00
ARRL Dues	28.00
EQUIP SALES	100.00
DOOR PRIZE	41.00
DONATIONS	
TOTAL NOVEMBER INCOME	***$194.00***
EXPENSES	
EQUIP INSURANCE	$252.00
GIFT CERTIFICATES	120.00
DONATION	100.00
AWARD PLAQ	27.05
PROGRAM TAPE	18.20
ARRL DUES	26.00
BULK MAIL	200.00
TOTAL NOVEMBER EXPENSES	***$743.25***
LOSS FOR MONTH	**-($549.25)**

December 2000 SUMMARY

INCOME	
DUES INCOME	$937.00
COFFEE	9.65
SOFT DRINKS	23.90
FIELD DAY BUS	11.62
RAFFLE	43.00
BOOK SALES	111.00
TOTAL DECEMBER INCOME	***$1136.17***
EXPENSES	
CHRISTMAS PTY	200.00
COFFEE SUPPLIES	16.01
INSURANCE	449.00
UTILITIES	248.90
TELEPHONE	61.82
CLASSES	7.04
OFFICE	28.77
TOTAL DECEMBER EXPENSES	***$1011.54***
NET GAIN FOR MONTH	**$124.63**

In December $3000 was moved to savings -

Radio Club of Tacoma
Board Meeting
6 December 2000

Meeting started at 7:30 PM.

Treasurer: Report sent out e-mail.

Correspondence: Bills, mail survey, renewals, bank statements.

Old Business: None mentioned.

New Business: Keith and Dana, KD7KPZ and KD7KPY will open the club house on Saturday because Rich, N7ANF, is tied up. George Noble, KK7FM, mentioned ARRL achievement award that we should put in for.

Good of the Order: Rob, WB7QCS, mentioned seeing old roster that stated that the club was once a member the blood bank. Rich, N7ANF, was approved to spend to $200 for supplies and door prizes for the Christmas dinner, on the 17th. Worth, W7WG, thought that the cl should offer CW classes at the club house. The board

thought that it was a good idea, and Worth will try to find someone to teach it. Al, AC7BU, thought that we should have code sent on one of our repeaters again. Rob mentioned that we need the plans for the Silent Key Board. He will check with Dick Ryan.
Adjourned at 8:04 PM.

ELMER TODAY VOLUNTEER!

Radio Club of Tacoma
Membership Meeting
13 December 2000
Meeting started at 7:30 PM with the Flag Salute led by Alan, KB7SVU. Introductions were made around the room. No reports of illness or silent keys.
Jerry, W7BUN, reported a change in the program because Shirley couldn't make it due to weather. We had a video on HAM radio. The ARES/RACES program will be rescheduled for the first meeting in February.
Correspondence: Renewals, and bank statements.
Committee Reports: Club Christmas potluck this Sunday, the 17th, at 2 PM at the clubhouse.
Training: We will have a Technician class when we have 10 people signed up. Jerry announced that he will have a General class soon.
Upgrades: Ray, KD7CZS, and Ed, KC7OKS, upgraded to Amateur Extra.
Good of the Order: Neighbor to the north of the club house stated that we couldn't use his tree for antennas, although he previously said we could.
Merry Christmas and Happy New Year.
Drawings: Winners were KD7KPY, KB7SVU, and WA7ANJ.
Adjourned at 8:20 PM.

Radio Club of Tacoma
Board Meeting
3 January 2001
Meeting opened at 7:30 PM by President Mick Pier, KK7QS.
Correspondence: Renewals, bills, newsletters, and Mike and Key Flea Market flyer.(10 March 2001)
Treasurer's report: In the Bark and e-mailed.
Committee Reports:
Membership: Ray, AC7KQ, had a question about the proper amount for a family renewal for seniors. The same as a regular family renewal.
Public Relations: No report.
Training: Jerry, W7BUN, reported that several classes were starting. General now, Amateur Extra real soon, and Technician on 10 and 11 February.
Repeater: Al, K7HW, reported that the 147.28 repeater had a bad power amplifier, but it has been fixed. It will be announced in the next issue of the Bark the tone to be on that repeater. It will be implemented March 1, 2001. The 440 repeater should be all hooked up by Saturday January 6. Some general discussion took place about repeaters and usage. Al will do an article on proper usage procedures.
Flea Market: Roger, WA7ANJ, reported that we will get an earlier start on it and look at how it went and how it can be improved. M/S/P to have it at the same place as the last 2 years. Jerry, W7BUN, volunteered to be the Flea Market Public Relations person.
Field Day: Jerry, will check to see if the site we have used the last several years will be available this year.
Western Washington Fair: We need a chairperson for this.
Equipment Custodian: Roger, WA7ANJ, reported that we need to do an inventory, and develop rules on how to handle the clubs equipment and donated items. Mick, KK7QS, stated that members that have club equipment need to report it also for the inventory.
Mick, reported that several committees need to be rejuvenated and we will get chairpersons for them.
Old Business: Rich, N7ANF, reported that the Christmas potluck was a success. We had more in attendance than the last 2 years. A round of applause was given to Rich for a job well done, and being selected as the recipient of "The Doc Spike Award".
The pad for the batteries has been poured and the shelter should be not far behind.
The garage roof is still in need of repair.
The generators need to be run on a regular basis.
New Business: Discussion on recruiting new members.
Discussion on ordering books for training.
M/S/P that we will form a committee to have a special event station for our 85th anniversary that will be this year.
Adjourned at 9 PM.

EDITOR'S NOTES



kathleen@naceplace.com

New Year greetings! Sorry to be so late with this BARK. Traveling, visiting children and grandchildren, a Christmas cold, and general bad attitude (yup, I get it too!) got to me!

Again, this BARK has lots of written material in it. I especially appreciated Shirley's article describing the hierarchy of positions in the ARRL/ARES/RACES organization. I have a better understanding of that now. Be sure and attend the Valentine's Day meeting and learn more about this important service part of amateur radio - and how YOU could fit in to the plan...

I hope that lots of Technicians are taking Jerry's workshop on Thursday nights. HF is lots of fun!

I hope that next month Worth and I can get together on Museum Musings and get some news and articles about our radio history.

Jerry, W7BUN, sent me a list of things that some members would like to see in the BARK. My position as editor/compositor generally means that I compile the data received by me, but do not compose it. YOU can always send input to me at the above e-mail address. More next time. 73 til next month. Kathleen

AREA SWAP MEETS

10 Mar 2001 Puyallup, WA
Mike & Key ARC
http://www.mikeandkey.com
Contact: Michael Dinkelman, N7WA
22222 148th Avenue SE
Kent, WA 98042
Phone: 425-867-4797 (days) or 253-631-3756 (eves)
Email: mwdink@eskimo.com

12 May 2001 Stanwood, WA
Stanwood-Camano ARC
Contact: John McCann, N7MZ
27312 56th Avenue NW
Stanwood, WA 98292
Phone: 360-629-2921
Email: huppert@whidbey.net

1-3 Jun 2001 Seaside, OR
Northwestern Division Convention
Oregon Tualatin Valley ARC
http://www.seapac.org
Contact: Randy Stimson, KZ7T
9890 SW Inglewood Street
Portland, OR 97225
Phone: 503-297-1175

SCHEDULE YOUR SWAPMEET VISIT

From the estate of WA7VVT, Silent Key
(reasonable offers accepted)
ITEMS FOR SALE (ASKING PRICE)



- Yaesu FT-101E transceiver with YC-601 digital display ($200)
- Pyramid 10 amp power supply ($20)
- Radio Shack HTX-100 10 meter transceiver ($60)
- KDK FM-2030 2 meter transceiver ($60)
- Lectrotech FC-50 frequency counter ($35)
- TenTec model 251 9 amp power supply ($30)
- Brimstone model 144 2 meter transceiver ($40)

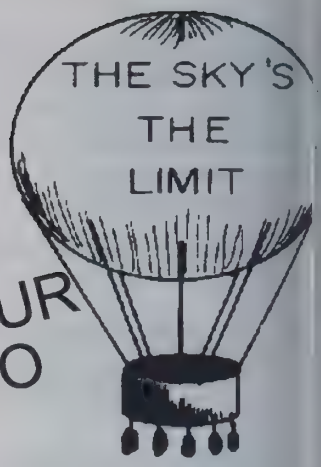
From other Silent Key estates:

- Clegg FM-28 2 meter synthesized transceiver ($50)
- 230 VAC 9 amp Variac ($50)
- 2 12 amp power supplies ($25 each)

Contact Jerry, W7BUN, 253-845-7652

ON THE WEB www.w7dk.org Come see us!

JANUARY early FEBRUARY CONTESTS



WITH AMATEUR RADIO

January
1
ARRL Straight Key Night

5-7
ARRL RTTY Roundup
Japan International DX Contest, CW

13-14
North American QSO Party, CW
Hunting Lions in the Air Contest

20-22
ARRL January VHF Sweepstakes
North American QSO Party, phone

26-28
CQ WW 160-Meter DX Contest, CW

February
3-4
North American Sprint, phone
Minnesota QSO Party
Delaware QSO Party
Vermont QSO Party
New Hampshire QSO Party
FYBO Winter QRP Field Day
Ten Ten International Net Winter Phone QS Party
YL-OM Contest, CW
Spring Classic Radio Exchange, CW and phone



Want more info, check **www.arrl.org/contests**

RADIO CLUB OF TACOMA
PO BOX 11188
TACOMA, WA 98411-0188

[ ] NEW MEMBER (ONE APPLICATION PER MEMBER)

[ ] RENEWAL (ONE RENEWAL FORM PER FAMILY OK)

MEMBER CATEGORY: [ ] FULL [ ] SENIOR [ ] ASSOCIATE [ ] FAMILY [ ] LIFE [ ] STUDENT [ ] REINSTATEMENT

Name_____ Call_____ Class_____ Birthday_____

Address_____ City/State_____

Zip+4_____ Home Phone(____)_____ Work Phone(____)_____

e-mail _____ Publish phone number/e-mail in the Club Roster? Yes [ ] No [ ]

Former Call(s)_____
Are you a Volunteer Examiner Yes [ ] No [ ] If Yes, which VEC_____

Occupation (or former occupation)_____ Employer_____

Are you a member of: ARRL [ ] ARES/RACES [ ] MARS [ ]

FAMILY MEMBERS NAME, CALL, AND LICENSE CLASS (RENEWALS ONLY)

_____

_____

THE RADIO CLUB PARTICIPATES AND SUPPORTS THE FOLLOWING ACTIVITIES EACH YEAR. PLEASE MARK THE BOX IN FRONT OF THE ACTIVITY OR ACTIVITIES THAT YOU WILL HELP SUPPORT. WE URGENTLY NEED YOUR HELP AND SUPPORT, PLEASE CONSIDER AT LEAST ONE ACTIVITY THAT WE CAN COUNT ON YOU TO SUPPORT.

[ ] AWARDS BANQUET
[ ] FIELD DAY
[ ] RCT FLEA MARKET
[ ] BOOTH AT THE WWA FAIR
[ ] SWEEPSTAKES IN NOVEMBER
[ ] VE TEAM
[ ] LOGGER'S BARK MAILING PARTIES
[ ] TEACHING CLASSES
[ ] SCOUTS JAMBOREE IN OCTOBER
[ ] BEING AN ELMER
[ ] ARES/RACES
[ ] N KITSAP FLEA MARKET
[ ] OTHER MISC CONTESTS
[ ] MIKE & KEY FLEA MKT
[ ] RCT MUSEUM

Other hobbies, expectations, comment:_____

Do you own a computer? Yes [ ] No [ ] If so, what type?_____

How did you hear about the Radio club?_____

Seven dollars ($7.00) of your annual dues is the subscription fee for the Club's monthly newsletter(The Logger's Bark).

Club badges are available for $9.00. If you would like a badge, please PRINT the following:

Badge Name_____ Badge Call Sign_____

Applicant's Signature_____ Date_____

ANNUAL MEMBERSHIP DUES: FULL OR ASSOCIATE MEMBER $30
FAMILY MEMBER (AT SAME ADDRESS, FIRST TWO) $15 EACH (ALL ABOVE 2 ARE FREE)
SENIOR MEMBER (65 AND OVER) $25 FULL-TIME STUDENT (UP TO AGE 25) $15
LIFE MEMBERSHIP = 20 TIMES ANNUAL DUES (PAYMENT PLAN AVAILABLE)

FOR RCT USE ONLY

Dues received $_____ Treasurer's initials_____ Date_____

Badge fee rcvd $_____ Treasurer's initials_____ Date_____

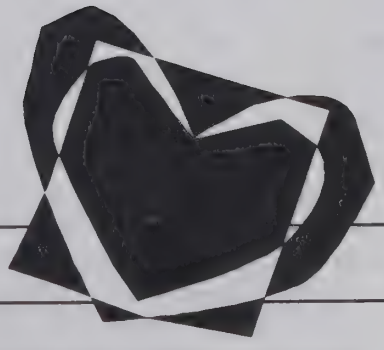
RCT Number _____

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma, WA 98411

NON PROFIT ORG.
U.S. POSTAGE
PAID
TACOMA, WA
PERMIT NO. 1078

RETURN SERVICE REQUESTED

COMING EVENTS



FEB 3 - Pinochle Potluck - 7PM at the Clubhouse

FEB 7 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

FEB 13 - License Exams - 7 PM - Clubhouse

FEB 14 - Club Meeting - Library Administration Center, 7:30 PM
Program: **THE AMATEUR RADIO EMERGENCY SERVICE (ARES)**

FEB 15 - BARK deadline

FEB 21 - Club Meeting - Library Administration Center, 7:30 PM
Program: **SUB-AUDIBLE TONE ACCESS COMING TO YOUR LOCAL REPEATER**

MAR 3 - Pinochle Potluck - 7PM at the Clubhouse

- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- **See page 3 for meeting program schedule.** Check the weekly net for updates to the program schedule.

HAPPY VALENTINE'S DAY!

February 2001

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 *CLIVE KC7ZLF	2 *GWEN	3 9:00 AM OPEN HOUSE 7:00 PM PINOCHLE POTLUCK *KEITH KD7KPY
4 *DICK KB6PWR	5 HAPPY FEBRUARY	6 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	7 7:30 PM RCT BOARD MTG *DON KD7DON *VAL N7VGO	8 *PHIL G4UFH	9 FULL MOON	10 9:00 AM OPEN HOUSE *RICH N7ANF
11	12	13 7:00 PM ARES NET 145.37R 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R *KARYL N7KWF	14 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD *MARK N7FIT HAPPY VALENTINES DAY	15 BARK DEADLINE IS THE 15TH	16 *KARL KC7PAI	17 9:00 AM OPEN HOUSE ARRL INTERNAT'L DX CONTEST
18 *JOHN *PETE N8PSJ *ROBERT KB7GTE ARRL INTERNAT'L DX CONTEST	19 *DONNA *OLIVER W7WIA PRESIDENT'S DAY	20 7:00 PM ARES NET 145.37R 7:00 PM MVWS LICENSE EXAMS 7:30 PM RCT NET 147.28R	21 *PAM KC7AZV	22 *BOB KD7HBE *TRESSIE KC7BAL	23 NEW MOON	24 9:00 AM OPEN HOUSE *JOHN N7JFM
25	26	27 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R *EDWIN KC7OKS	28 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD			

January 2001

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

March 2001

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXVIII NR. 2 | W7DK | FEBRUARY 2001

FROM THE PRESIDENT

Mick, KK7QS

Well, here we are starting into the new year. We have had our first board meeting under the new administration. Besides all the normal discussions necessary to conduct business, we have come up with some new ideas. Like setting up and running a special event station to commemorate our 85th anniversary. We hope to make this a large-scale operation. We can make QSL certificates, get written up in QST, and who knows what else. There will be lots to do to get this event off and running, so if you think this sounds like fun and you think you can help in any way please e-mail, mail, or call me. This could be a lot of fun, and we need to get started right away.

Getting on with a little old business, we come to the subject of the repeater sub audible tone. Due to the over crowding of the airwaves, in this day and age, it has become necessary to use a tone to protect our repeater from random interference. We have avoided this as long as we can, and see no other alternative. The tone will be 103.5 Hz, and should be switched on the first weekend in March of this year.

Around the clubhouse there are several things happening. The cement pad, for the batteries the club has for emergency power, has been poured. The shelter will soon be built and ready to house them. Alan, KB7SVU, and I climbed the tower on Sat. the 6th of Jan. and hooked the feed line to the 440 antenna. A little magic from our repeater crew, Mike, WB7DFQ, and Al, K7HW, and, wa-la! We have a 440 repeater on the air. It is 440.625 + shift and requires a tone of 103.5 Hz. Use it and have fun!

I hope throughout the coming two years we can create and organize many projects for the club. I hope to see some new interests promoted in the club. Things like a satellite station, amateur TV, IRLP, or any one of many things. It's your club and your interests. Let do something with them. Let have FUN!

73 de kk7qs

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RENEW YOUR MEMBERSHIP NOW!
Please fill out the member application (found elsewhere in this issue) and return to the club tresurer with your dues.
THANKS!

PINOCHLE



at the Clubhouse
1249 So. Washington
1st Saturday, Feb. 3rd
Pinochle & Potluck - 7pm
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898

RADIO CLUB OF TACOMA -- 1999

PRESIDENT	MICK PIER	KK7QS	847-8223
V PRESIDENT	MOREL GUYOT	W6LIX	838-5433
SECRETARY	ED ROOT	KC7OKS	851-7463
TREASURER	ROGER TERWILLIGER	WA7ANJ	475-4293
BOARD (5)	AL BURLESON	K7HW	474-9023
	WORTH GURLEY	W7WG	582-3844
	RICH MANSON	N7ANF	474-8883
	GEORGE NOBLE	KK7FM	756-1127
	FRANK PALMER	AC7JY	539-1685
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	JERRY SELIGMAN	W7BUN	845-7652
PHOTOGRAPHER			
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COMPOSITOR	KATHLEEN NACE	NØEYK	209-5624
PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call a club officer to pass on the word to the appropriate person(s).

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.28 / .88 MHz **144.97 - Packet**
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

David F Hale, KD7EMS, RCT #208
908 187th St E
Spanaway, WA 98387-7990 253-847-822

Punyavadee (Nina) Archer, KD7JDY RCT #208
3110 Shyleen St
Gig Harbor, WA 98335-5113 253-858-727

Gwen Root, No Call RCT #20
10502 Crescent Valley Dr NW
Gig Harbor, WA 98332-9578 253-851-74
gwen@ix.netcom.com

Christopher Rose, KF6SNJ RCT #20
8228 Custer Rd SW
Lakewood, WA 98499-2524 253-588-52
w9chg@hotmail.com

Reinstatements

Jeff Smythe, KB7QAG
8303 Shirley Ave
Gig Harbor, WA 98335-1854 253-858-66
crl765@cs.com

Address/Phone Changes/Corrections

Willard (Johhny) Johnson, KJ7M
Change number to 135 instead of 185 in address

Edwin Bradek, KA7HZH
816 S 216th St
Des Moines, WA 98198-6331 206-870-83

Arthur Allen, KD7KQE 253-535-13
Email is Arthur-allen@webtv.net

Alvin Campbell, KA7BIY 360-438-02

C Wade Palmer, WA7OHG 253-759-65

Nana Warburton, N7OIX
C/o VA Hinkle
2901 E 2nd St Unit 84
Newberg, OR 97132-9634 503-538-27
n7oix@earthlink.net

E-Mail Address Changes/Additions

See page 3 for the list of changes.

New Calls/Upgrades

Frank Palmer was KC7YEF, now AC7JY, Extra
Ray Winter was KD7CZS, now AC7KQ, Extra
Les Darling, was WB7QCI, now W7QCI

Silent Keys

Ray Larsen, K7CTT

COMING PROGRAMS AT RCT

FEBRUARY 14TH - THE AMATEUR RADIO EMERGENCY SERVICE (ARES) - (This program was scheduled for December, but was postponed due to inclement weather)
Part 97.1 of the FCC rules lists five reasons as the Basis and Purpose for the existence of the Amateur Radio Service. The first reason is the value of the Amateur Radio Service for providing the public with voluntary emergency communications. In order to justify our continuing use of our many bands of frequencies, we must be available for this purpose. Shirley Murphy, N7QHW, and Alan Hughes, KB7SVU, will explain how Radio Club members can be a part of this effort.

FEBRUARY 28TH - SUB-AUDIBLE TONE ACCESS COMING TO YOUR LOCAL REPEATER - Mike Crawford, WB7DFQ, the Radio Club's Repeater Chairman, will explain the reason for implementing sub-audible tone access for the 147.28 MHz repeater beginning March 1st. Mike will also discuss installing tone boards in older 2-meter transceivers that don't have tone capability.

MARCH 14TH - STEALTH ANTENNAS AND LOCAL TOWER RESTRICTIONS - If you live in an apartment, have very little space for antennas, or live in a subdivision that allows no visible antennas, you still can operate on all the bands. Stealth antennas are your answer. Alan Allen, N7EAY, will show you how to get on the air. Also, where you can and can't place an antenna on your property. Get ready to upgrade and get on the HF bands.

MARCH 28TH - BHUTAN, THE LAND OF THE THUNDER DRAGON - Since the beginning of Amateur Radio, the tiny Kingdom of Bhutan has been one of DXCC's rarest entities. As the world's most private and preserved country, historically only a few people were ever allowed inside, or granted a license. But in May, 2000, a group of dedicated DXers traveled to the Himalaya Mountains to operate ham radio from Bhutan, as A52A. This professionally produced video highlights the culture and beauty in this far away land.

E-MAIL CHANGES AND ADDITIONS



Arthur Ives, AA7EO
Email is aives@tscnet.com

Garfield Klinger, KC7LZL
Email is jklinger2@juno.com

George Adams, KD7DOT
Email is wgadams@ibm.net

Milton Loflin, KD7GUD
Email is kd7gud@arrl.net

Randy Myers, WB4SPB
Email is wb4spb@echolake.com

Jeff Bauman, KC7ZWE
Email is kc7zwe@arrl.net





FIRST CONTACT AWARD

Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First Contact Award will be issued.



GENERAL AND ADVANCED CLASS LICENSEES

UPGRADE TO EXTRA CLASS

FREE CLASS - BEGINS FEBRUARY 12TH

FOR 8 MONDAY EVENINGS

ARRL license manual is $19

CONTACT JERRY, W7BUN - 253-845-7652

TUESDAY NIGHT NET NOVEMBER CHECK-INS

CALL	*NUMBER OF CHEK-INS*	*NAME*
K3ROT	1	BYRON
KD6ILO	1	MARIO
W6LIX	1	MOREL
KD7AAG	2	MARK
N7ANF	3	RICH
KJ7BN	2	MARILYN
AC7BU	3	AL
K7BUD	3	BUD
W7BUN	1	JERRY
KD7CZS	4	RAY
W7DON	2	DON
W7EC	2	HAL
KK7FM	2	GEORGE
KD7GOR	3	BILL
KD7GTZ	1	VERN
KA7HJN	1	CHUCK
W7IMW	4	JACK
KA7IOX	2	SCOTT
K7JIL	4	JILL
KC7JME	3	NORA
AC7JY	4	FRANK
KC7KAQ	2	STEPHEN
KD7KPZ	1	DANA
KD7KQA	4	SCOTT
KD7KPY	3	KEITH
KC7KRH	1	BOB
NN7L	3	JASON
N7MF	1	MIKE
KA7MYU	1	LES
KC7OQN	1	JOHN
KC7OQW	3	JOHN
KC7OQX	4	SUSAN
K7PUC	1	AL
KB7QAG	3	JEFF
N7QHW	3	SHIRLEY
N7QHX	3	TOM
N7QOZ	2	BOB
KK7QS	1	MICK
KK7QW	2	PETE
W7RW	2	ANDY
KC7SAA	2	ED
W7SKI	2	BOB
KG7SM	1	BOB
KB7SVX	1	JEAN
KB7SWW	2	BOB
W7TEL	3	DAN
N7UIE	1	BRENDAN
KC7VUQ	1	JOHN
KC7VUM	2	LOU
KB7WDB	3	LOU
W7WG	3	WORTH
KA7WGG	2	LORRAINE
KB7ZDR	1	MIKE
KB7ZDS	1	GARRY
KC7ZMW	1	JESSICA
W9BYH	2	BILL

NET CONTROLS

DEC	5	KK7QS
DEC	12	
DEC	19	AC7BU
DEC	26	K7BUD

ARRL MEMBERSHIP

If you haven't joined or re-joined the ARRL, please do so through the Radio Club of Tacoma! The ARRL is the major voice for Amateur Radio in the US and, besides providing a wealth of information to its members, they provide us with a voice in Washington to help protect the interests of all amateurs. Additionally, RCT is an ARRL Special Service Club and RCT needs to have at least 51% of its members belong to the ARRL to retain its Special Service Club status. See the Treasurer for application forms, and bring your ARRL renewal notices and rejoin through the club. The club receives a commission for each new or renewed membership sent through the club.

JOIN TODAY!

See our club treasurer for details.

SPECIAL SERVICE CLUB

ARES/RACES

...de Shirley Murphey, N7QHW

I am fresh out of ideas for articles, so if anyone has any ideas, let me know and if I can, I will write something. Or better yet, I invite anyone who would like to submit an article to please do so and give me a vacation.

As always, remember in times of need to tune into 145.37 repeater and see if anything is happening. If help is needed, please jump in with your call and volunteer to help. Don't wait for the phone to ring, just get on the air and volunteer.

ARE YOU READY?

Public Service Events will be coming up soon so stay tuned for announcements of needs on the weekly net at 7:00 PM on Tuesdays on 145.37 repeater and remember, VOLUNTEER. We always need lots of volunteers so please consider helping. Remember as a member, we feel it is essential that each person participate in at least one event or drill each year.

Remember to check your Department of Emergency Management (DEM) card to be sure it has not expired. If your card expires anytime between now and the end of June, fill out a new application and turn it into Shirley Murphy, N7QHW for processing. PLEASE take note that if your DEM card has expired and there is not a current card on file in the DEM office, you HAVE BEEN REMOVED from the list of volunteers. To be eligible again, you simply need to fill out a DEM application. Be sure to turn them in to Shirley, N7QHW so that all of our records are up to date.



Do you want to get involved? Simply contact Alan Hughes, KB7SVU at 253-840-4947 and let him know.

73 Shirley, N7QHW

RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.
SIZES Small through XL ARE $39, XXL ARE $46 AND XXXL ARE $52.00.
GET ONE NOW!
Call Shirley, N7QHW, at 253-265-3661, to order yours today!

Radio Club of Tacoma License Exams

FEBRUARY 13, 2001
MARCH 13, 2001

7 PM RCT Clubhouse
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.65. For information call: Shirley Murphy, N7QHW @ 253-265-3661
Fee as of Jan. 2001 – $10

ADDRESS CHANGES

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to Shirley, N7QHW, @ 253-265-3661.

SUPPORT YOUR CLUB

RADIO CLUB OF TACOMA

W7DK

AREA SWAP MEETS

10 Mar 2001 Puyallup, WA
Mike & Key ARC
http://www.mikeandkey.com
Contact: Michael Dinkelman, N7WA
22222 148th Avenue SE
Kent, WA 98042
Phone: 425-867-4797 (days) or 253-631-3756 (eves)
Email: mwdink@eskimo.com

12 May 2001 Stanwood, WA
Stanwood-Camano ARC
Contact: John McCann, N7MZ
27312 56th Avenue NW
Stanwood, WA 98292
Phone: 360-629-2921
Email: huppert@whidbey.net

1-3 Jun 2001 Seaside, OR
Northwestern Division Convention
Oregon Tualatin Valley ARC
http://www.seapac.org
Contact: Randy Stimson, KZ7T
9890 SW Inglewood Street
Portland, OR 97225
Phone: 503-297-1175

SCHEDULE YOUR SWAPMEET VISIT

A NOTE FROM OUR PREZ!

Hello every one! Just a note to let you know that I have appointed Jerry Seligman, W7BUN, as Education Committee Chairman. I would like to thank every one for all the help they did to help make this program work. Hope we can count on you this year also.
73 Mick/kk7qs

NO-CODE TECHNICIAN LICENSE CLASS

SATURDAY, FEBRUARY 10TH AND SUNDAY, FEBRUARY 11TH
COST IS $5.

"NOW YOU'RE TALKING" MANUAL IS $19.

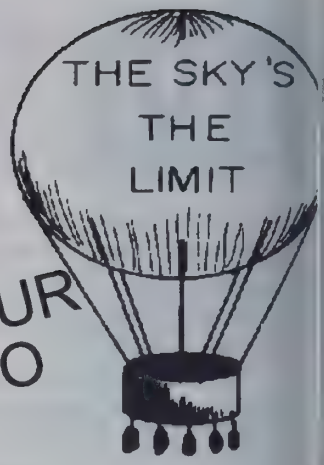
PRE-REGISTRATION ONLY.

CONTACT AL, K7HW @ 253-474-9023.

See YOU there!



FEBRUARY CONTESTS



3-4
North American Sprint, phone
Minnesota QSO Party
Delaware QSO Party
Vermont QSO Party
New Hampshire QSO Party
Ten Ten International Net Winter Phone QSO Party
YL-OM Contest, CW
Spring Classic Radio Exchange, CW & phone

10-12
North American Sprint, CW
YL-OM Contest, phone
CQ World-Wide RTTY WPX Contest

12-13
Novice Round-Up, CW only

17-18
ARRL International DX Contest, CW

24-25
CQ WW 160-meter SSB Contest
North Carolina QSO Party
W1AW Qualifying Runs are 7 PM EST, Friday February 2, and 4 PM EST Tuesday, February 20. The K6YR West Coast Qualifying Run will be at 9 PM PST on Wednesday, February 7 with 10-40 WPM runs. Check the W1AW schedule for details.



Want more info, check **www.arrl.org/contests**

MUSEUM MUSINGS

For this month I asked Roy Myers, WA7UZL, to write his experiences with Doc Spike W7OS, whom he knew years ago. Roy told me he was member of the RCT when he got his license with much help from Doc Spike. Worth,W7WG

Remembering Doc Spike, W7OS

Since childhood when I built crystal sets I had wanted to be a real ham someday but I never got around to it. In 1973 when I was fifty years old Doc Spike helped me achieve that desire.

I was retiring out of the Army and I picked up the ARRL pamphlet HOW TO BECOME A RADIO AMATUER in the library at Madigan Hospital. I read it and someone told the Radio Club of Tacoma would be a good place to start as classes were offered there. I went to the next meeting. As a stranger I felt much out of place. People standing around just stared at me. I smiled and nodded at a couple but they just kept on going with their private conversations. Some others looked as bewildered and lost as I did. I could not break into a conversation because it was all so foreign.

Just before the meeting started a whitehaired elderly man with a limp came to me and put out his hand and introduced himself as W7OS, Doc Spike. I felt better and told him who I was. No, I wasn't a ham, but I had built a Heathkit ham receiver (which I could not get aligned) and I would like to become a ham. Doc Spike was the perfect elmer.

At the proper time, he introduced me to the club and sponsored me as a new member. I became a member that night. We formed a good friendship, and each meeting I sought him out for a bit of conversation. He wanted to know everything about me and about what I was doing toward licensing. He loaned me his old code-practice oscillator. I had been studying the code, and I had gotten the Novice Manual. In that day any licensed General or above could give the Novice exam and Doc Spike wanted me to let him know when I was ready. In a few weeks I told him I was ready and he gave me the tests. I passed and sent for my license.

Doc by virtue of his age in life and as a ham (he was licensed in 1915), he felt he had earned the prerogative to get to work every newly licensed novice first. I promised him he would be my first contact.

Doc's first words to me at every meeting was: "Has your license come?" When I told him it had come, his next question was: "When are you going to get on the air?" That was more of a problem. My receiver was still not aligned. I did not know how to put up an antenna, and I had no transmitter. Doc would help solve those problems. He sent me to Jerry, W7BUN, and he had the HR10 aligned in ten minutes. Burt Caley let me borrow his crystal controlled DX40 transmitter. Ron Chudy helped me get an antenna up and showed me how to tune the rig. I was ready but scared to death about putting the thing on the air. I hated to face Doc at the next meeting.

Sure enough, at the next meeting Doc came with that question. I did not want to tell him I was a chicken ham. A couple afternoons later I got a phone call from Doc Spike. "When are you going to get on the air," he wanted to know. That old feeling in the pit of my stomach which I experienced when I stood on the high-dive spring board at the beach came back. I swallowed and after a long pause told him, "I'll call you back."

I had only one 15 meter crystal. I put it in the DX40 and switched the rig on. I tuned the receiver pretty close to crystal and sure enough I heard the carrier. I zero beat the receiver and sat there a long time thinking. I picked up the phone and called Doc. I told him to tune to the frequency my crystal was on. I would call him. With sweaty palms I beat out Doc's call. We lived about two miles apart...real DX! With bated breath I wait... Back comes a chirpy dit da dit, dit da dit, dit da dit. I was "home" and on my way. My first call! I was on cloud nine! I logged his call and he mine. We swapped QSLs at the next meeting.

I owe a lot to Doc. Without his elmering I may never have become a ham. I mention all of this to emphasize how important elmering can be to a new ham. I was 50 years old! Think of a teenage novice.

Doc loved ham radio, and he loved the members of the club. I never saw him angry and anybody, and I never heard him speak anything but good toward the club or toward the members. He was generous with his time, funds and talent.

He was careful to see that every sick call or silent key notice was brought before the membership. He got me appointed as the chaplain. He played Santa to the children who were listening on their dad's radios. "Ho, ho, ho! Here is **O**ld **S**anta (W7**OS** was his call) calling from the North Pole. My five-year old grandson was mesmerized and could hardly talk when he heard Old Santa talking with him on a first-name basis. Matt took the TR2400 and told Santa what he wanted for Christmas. Doc was a kid at heart and never missed a chance to talk with the young people who came around the club. Being a dentist he knew just the right thing to say to put kids at ease.

I could write much more about Doc. He was such a wonderful man, but space is of essence. Perhaps someone else out there would like to remember Doc Spike, or perhaps some other club old timer. Write it up and send it in. Worth is looking for material for the Museum Musings column.

SO... WHAT'S OR WHO'S AN ELMER?

An Elmer is someone who provides personal guidance and assistance to hams or would-be hams. In other words, a ham mentor.

◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet.

ARRL BOARD APPROVES DUES INCREASE, ALTERS MORSE POSITION

Meeting in Irving, Texas, January 19 and 20, the ARRL Board of Directors voted to increase membership dues from $34 to $39 annually for full members younger than 65, and from $28 to $34 for full members 65 and older. The dues hike goes into effect July 1, 2001. The last ARRL dues increase was in July 1997.



The dues increase resulted from a need to fund initiatives to expand the League's advocacy activities on behalf of Amateur Radio–including the defense of amateur spectrum–and to enhance ARRL Headquarters' abilities to serve members during a period of projected deficits. The Board okayed a $1 greater increase for seniors in an effort to narrow the dues gap, as more and more ARRL members fall into the senior category. "The ARRL carries out a lot of activities that no longer can be fully funded by dues or publication sales revenues," ARRL Executive Vice President David Sumner, K1ZZ, explained. While voluntary contributions towards Amateur Radio advocacy are helping greatly, "we need to professionalize these activities if we are going to sustain them," he said.

The Board also revised its position on whether Morse code proficiency should continue to be an international requirement to license operation below 30 MHz. The Board approved a resolution that "recognizes and accepts" that the Morse requirement likely will be dropped from Article S25 of the international Radio Regulations at the 2003 World Radiocommunication Conference. But the Board held the line on retaining a domestic Morse requirement, saying that each country should be allowed to determine for itself whether it wants to have a Morse code requirement.

The Board's Morse Code resolution declared that deletion of the Article S25 international requirement at WRC-03 "should not automatically or immediately mean a similar removal of the Morse code from Part 97 of the FCC rules." Morse code, the Board affirmed, deserves continued support as an important operating mode as well as in terms of spectrum and should be retained as a testing element in the US." The resolution also called on ARRL Headquarters staff to "develop a program designed to promote the use of Morse."

HOLLINGSWORTH SAYS "RADIO RAGE" HAZARDOUS TO HAM RADIO

Entering his third year spearheading the FCC's Amateur Radio enforcement effort, Special Counsel for Amateur Radio Enforcement Riley Hollingsworth says "radio rage" could become a bigger danger to the future of Amateur Radio than rulebreaking.

"It's the infighting and arguments and juvenile spats," Hollingsworth said this week. "That's going to come back to haunt us if we don't just grow up. It will d the service in, if the ham community doesn't put a stop it."

Hollingsworth said that he's encouraged that t FCC's enforcement program has the support of "99.9% of the amateur community and that the vast majority o hams follow the rules. But, he said that radio rage in th form of such things as on-air squabbles or frequency fights can degrade the bands just as quickly as outrigh rulebreaking. "The FCC can't do anything about that," said. "It's up to the amateur community."

Hollingsworth said that while much radio rage technically is not illegal, it reflects poorly on Amateur R dio and can balloon into an enforcement issue. More i portant, he said, rude or intemperate on-air behavior might provide just the sort of ammunition that an entity seeking additional spectrum will use against Amateu Radio.

Hollingsworth predicted that the departure January 19 of FCC Chairman William Kennard ("FCC CHAIRMAN WILLIAM KENNARD RESIGNS" below) and the changing of the guard White House the next day will not alter the cour of the current amateur enforcement effort. He sai sees nothing but positive changes ahead.

"I'm willing to bet my SX-115 that we won't a beat," he said, referring to one of his latest acquisiti of vintage ham gear, "as long as the amateur commu lets it be known it still wants enforcement."

Hollingsworth said it was pressure from the ARRL and individual amateurs that prompted the resumption of amateur enforcement in 1998 during Ken nard's tenure, "and it's the type of program that need that continual pressure to keep it going," he added. C all complaints are down, Hollingsworth said, "but no can be complacent."

AO-40 REPORT SUGGESTS DAMAGE TO ANTENNA SYSTEMS

The latest information from the AO-40 recov effort suggests that the satellite might have suffered tenna system damage when it went silent last Decem er 13. The satellite stopped transmitting while ground co trollers were testing the 400-newton propulsion syste aboard AO-40.

Since the satellite's computer was reset and lemetry resumed December 25, the AO-40 ground te has been analyzing telemetry sent via the 2.4 GHz beacon--the only transmitter now operating.



AMSAT-DL Vice President and AO-40 team member Peter Guelzow, DB2OS, said this week that efforts to restart the 2-meter transmitter were unsuccessful. The satellite was sending tel metry via the 2-meter transmitter when it went quit tran sitting last month. Guelzow said telemetry seemed to i dicate that the VHF transmitter was working during th est but no signal was heard. Additional tests are sched d

Guelzow reiterated this week that while the 2-meter, 70 cm and 1.2 GHz receivers are working on the high-gain antennas, none of them will receive signals using the omnidirectional antennas. "Either the omni antennas are damaged or the cabling or the antenna relays," Guelzow concluded.

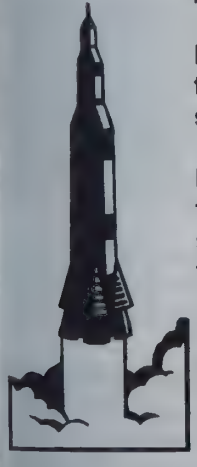
The satellite's 70-cm transmitter--problematic since launch--will be tested on both the high-gain and omnidirectional antennas once the spacecraft's spin rate has been reduced and AO-40's heat-dissipation mechanism--the so-called "heat pipes"--start working again.

Guelzow said that AO-40's attitude control system is fully functional--something that would be critical to keeping the satellite in orbit on a long-term basis. Guelzow explained that because the sun angle is now about 30 degrees, the sun sensor's electronics are temporarily disabled. "Without sun and attitude information, no magnetorquing can be performed, thus no further attitude or spin change was done," he said. AO-40 team leader Karl Meinzer, DJ4ZC, is developing a software fix that does not rely on data from the sun sensor.

Guelzow expressed the hope that once the sun angle and antenna-pointing capabilities have been established, the ground crews will have a better chance to check out the status of the 2 meter and 70 cm transmitters through "better-controlled and suitable experiments." He indicated that AO-40's arcjet thrusters and the reaction wheels also will undergo testing as soon as possible.

Meinzer recently expressed confidence that, despite its problems, AO-40 will be functional in the future--although its mission likely will be different from the one planned prior to launch.

AMSAT-UK's Richard Limebear, G3RWL, has suggested that AO-40 could at least be used for "some kind of 400 baud PSK digital communication" via one of the onboard computers. Limebear said that if the IF matrix is functional, then, SSB or CW via a linear transponder would be possible. "If AO-40 reaches such a state, we will get as much or more than AO-10 and AO-13 offered, only on more state-of-the-art frequencies," he concluded.



MIR'S EXECUTION DATE SET

According to news reports, two Russian space agencies have agreed that March 6 will be D-Day for the Mir space station--"Deorbiting Day," that is.

The Russian space station has had Amateur Radio gear aboard. Over the years, countless hams on Earth have spoken directly with the crew--which, at times, has included US astronauts--or have accessed Mir's packet messaging system. Pictures transmitted via an SSTV experiment installed aboard Mir a few years ago also delighted earthbound amateurs.

While the ham gear was installed in part to help boost crew morale, it became a vital communication link after a nearly disastrous fire broke out and--not long after--when the space station's hull was pierced in a collision with a cargo rocket.

The more than 130-ton spacecraft will be pushed out of Earth orbit using Progress rockets. According to the Russian Aviation and Space Agency--Rosaviacosmos--and RKK Energia--Mir's operator--a Progress cargo ship with increased fuel capacity will be launched to Mir January 18. It will displace a Progress rocket already docked to Mir.

The second Progress--heavily loaded with fuel for the deorbiting missions--will dock January 22. In the event of docking problems, Russia is prepared to send up an emergency cosmonaut crew to complete the job.

Mir's attitude control system will be disabled. Then, on March 4 and 5, the Progress will fire its engines and brake the station's orbital velocity. On March 6, the Progress will deliver the killer blow, firing to decrease Mir's velocity to the point where it will drop out of orbit. What's left of the space station after it passes through Earth's atmosphere will plunge into the Pacific later that day. It's expected that the scuttling of Mir will generate a shower of debris that could reach Earth's surface.

Over the years, Mir has become a fixture in orbit and the focal point of pride for the Russian space program. The initial module of the space station was launched February 20, 1986. Recently, the Russian government confirmed its intention to continue its cooperation with the US, Canada, ESA, and Japan in the development of the International Space Station.--Roy Neal, K6DUE, and AMSAT News Service, contributed information for this report

BILL INTRODUCED TO AMEND PRB-1 IN STATE OF WASHINGTON



Two State of Washington lawmakers have introduced a bill to amend sections of the Revised Code Of Washington to strengthen that state's PRB-1 law. Washington incorporated the federal preemption known as PRB-1 in 1994. The proposed amendment would specify that local governing bodies could not restrict antenna height to less than 70 feet without a clearly defined health, safety, or aesthetic reason.

Washington is one of 10 states that have adopted PRB-1 laws of their own. Only three states--Oregon, Virginia, and Wyoming--include minimum regulatory height limits.

Republicans Pam Roach and Dan Swecker introduced Senate Bill SB 5002 for a first reading on January 8 on behalf of ARRL member George B. Hutchison, W7KSJ, of Auburn. Hutchison has been promoting the PRB-1 amendment through an organization called "Hamtowerlaw" (`http://www.hamtowerlaw.com`). SB 5002 has been assigned to the Economic Development and Telecommunications Committee.

Washington's current PRB-1 law says any ordinances or regulations that localities adopt with respect to Amateur Radio antennas must "reasonably accommodate amateur communications" and "represent the minimal practicable regulation" to meet the local authority's

legitimate purpose. Hutchison wants to add wording that would keep cities, counties or towns from restricting an Amateur Radio antenna's height to less than 70 feet, "unless the restriction is necessary to achieve a clearly defined health, safety, or aesthetic consideration."

For more information on PRB-1, visit the ARRL PRB-1 page, **http://www.arrl.org/FandES/field/regulations/PRB-1_Pkg/index.html**

FCC ANNOUNCES NEW ADDRESS FOR OVERNIGHT FEES

There's a new address to submit fees via overnight courier to the FCC's fiscal agent, Mellon Bank. The bank has moved its Global Cash Management headquarters to a new Client Service Center, where all of the FCC's fee-related applications are processed. Only Mellon Bank's street address will change. The FCC says the following address should be used for all overnight deliveries: Federal Communications Commission, c/o Mellon Bank, Mellon Client Service Center, 500 Ross St--Room 670, Pittsburgh, PA 15262-0001. The FCC lockbox address to receive routine vanity fees has not changed. Applicants may submit FCC Form 605, FCC Form 159 (Fee Remittance form) and the required application fee to the FCC Bank Contractor address at: FCC Wireless Bureau Applications, POB 358130, Pittsburgh PA 15251-5130.



FIRST US DIRECTION-FINDING CHAMPIONSHIPS SET FOR SUMMER

ARRL Amateur Radio Direction Finding Coordinator Joe Moell, K0OV, has announced the first US National Championships of Radio Direction Finding this summer. The Albuquerque Transmitter Hunters, part of the Albuquerque Amateur Radio Club, will host the event July 31 through August 4 in Albuquerque New Mexico. The championships are open to all ages at any level of foxhunting experience. Main events on 2 and 80 meters will feature five fox transmitters to be found in accordance with standard rules of the International Amateur Radio Union. Lodging, meals, and ARDF training will be available. For additional event information, visit the 2001 USA ARDF Championship Web site, **http://www.egroups.com/files/abqardf/web/index.html** . For general information on ARDF, visit Moell's "Homing In" Web site, **http://members.aol.com/homingin/**

SECOND ARISS SCHOOL CONTACT A SUCCESS!

Students at the Armstrong Fundamental Elementary School in Hampton, Virginia, got to interview Space Station Alpha Commander William "Shep" Shepherd, KD5GSL, via Amateur Radio on January 5. The contact was the second successful Amateur Radio on the International Space Station--or ARISS--school contact.

During the afternoon contact, about 10 students posed questions to Shepherd, who identified using the special NA1SS call sign. On the ground and using the Virginia Air and Space Center's KA4ZXW call sign, contro operator Wally Carter, K4OGT, finally linked up with Shepherd about four minutes into the scheduled 10-minute pass. Signals were somewhat noisy but readabl

Students seemed fascinated with the effects of launch and space flight. Being launched from Earth into space felt like "someone standing on your chest," Shep herd told Mandy, the first questioner. But after about ei minutes or so, he said, you become weightless and ca go anywhere you want. Shepherd told another questio who asked if he'd gotten dizzy or sick during launch tha being weightless was "a very nice experience." He told another youngster that keeping food down in a zero-gravity environment was not a problem.

Students at Jan Sheldon Elementary School, Varysburg, New York, hope to complete their ARISS c tact in the January 15-19 time frame, but all school QS schedules are subject to change. For more information visit the ARISS Web site, **http://ariss.gsfc.nas gov/**

"MOTHER OF ALL JAMMING STATIONS" CONTINUES TO PLAGUE 40 METERS

For some months now, regular users of the 40 meter band have been plagued from time to time by strong, very broad, frequency-hopping signals that sor what resemble a slow-scan TV transmission. The sign it turns out, originate from jamming stations in the Mid East.

"We know exactly what this is," said ARRL Mo toring System Coordinator Brennan Price, N4QX. "This a very high-power Iraqi jammer of a very high-power I nian shortwave broadcast station."

The loud buzzing signals have been heard on 40-meter CW and phone bands and have even been "spotted" on packet. The jammers occupy about 10 kH of spectrum.

Price says the shortwave broadcast station in volved is The Voice of the People of Kurdistan, transm ted via The Voice of the Islamic Republic of Iran facilit Teheran. "The Iranian station has a daily transmissio 7100 kHz from the same facility, and Iraq has jammed that one also," he says.

Price explains that the Iranian station--which broadcasts anti-Saddam Hussein propaganda, hence jamming--jumps frequencies several times each broa cast in order to avoid the jamming. Unfortunately for meter users, the Iraqi transmissions follow. This resul in a situation where it's hard to predict when the jamme might show up on a given frequency block or how lon they'll stay.

Price said that neither station is transmitting where it is supposed to be. "The Iranian and Iraqi tele communications administrations have been advised this," he said.

Price says that such "politically motivated" in ers typically don't disappear until the political situatio changes. "The 'woodpecker' went away when the Co War did," he said. "This one will probably not go awa til Saddam Hussein does."

ARRL DXCC DESK ANNOUNCES NEW 17-METER AWARD

The ARRL DXCC Desk now is accepting applications for its new 17-Meter Single Band DXCC Award. The 17-Meter DXCC certificates will be dated but not numbered, and 17-meter credits also will count toward the DeSoto Cup competition for 2001. To determine prior credits on 17 meters, contact DXCC for an update to help avoid duplicates and additional costs. Copies of DXCC records are available (in Adobe PDF format) by contacting the DXCC Desk at dxcc@arrl.org (if requesting via US mail, include $1.50 for postage or an SASE with $1.50 in postage). For more information, contact DXCC at dxcc@arrl.org.

FCC LEVIES FINE FOR ILLEGAL AMPLIFIER SALES



The FCC has fined Stephen Fowler, doing business as Exports R US in Pineville, Louisiana, $7000 for marketing an unauthorized external radio frequency power amplifier. The FCC's New Orleans field office issued a Notice of Apparent Liability last September against Fowler d/b/a/ Exports R Us; the FCC says Fowler has not responded. The forfeiture is due within 30 days of the Forfeiture Order, adopted December 28, 2000.

OUTGOING QSL SERVICE TOPS 1999 STATS

ARRL Outgoing QSL Service Manager Martin Cook, N1FOC, reports that in 2000 the bureau shipped 1,868,895 QSL cards to various QSL Bureaus around the world. This is 15,025 more cards than during 1999.

EDITOR'S NOTES



kathleen@naceplace.com

Hi everyone!

Here we are again! We hope that your winter is going well, without blackouts and bad weather. We have just finished a spell of warm, delightful weather and are now catching the beginnings of the big low that is off the OR-CA coast...cool and rainy for the weekend. And just in time for the Phoenix Open!

Again there is lots of news in this issue. Take note of the educational opportunities available. Also be aware of the changes with our repeaters.

See you next month. Kathleen



Amateur Radio Exams

in the Puget Sound Region as of November, 1999



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Thursday - 7:00 PM, **Bonney Lake** Library,18501 90th St East – Contact Roxann Holwege, AB7HO, at 253-862-8905

2nd Tuesday - 7:00 PM - Radio Club of* Tacoma *Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Bill Thompson, K7OLY, Tumwater, 360-236-9048

2nd Saturday - 10 AM - **Tukwila** - Denny's Restaurant, #3 13100 48th So., Contact Mary Lewis, W7QGP, 206-523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 Tobin Street - Contact Jan VanAllen, K7YH, in Kent, at 206-824-9039.

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

3rd Saturday - 10 AM - **Shelton** - Shelton Airport - Contact - Dick Bostrom, N7LD, 360-426-4627, Shelton

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Bill Thompson, K7OLY, Tumwater, 360-236-9048

4th Saturday - 10 AM - **Everett** - Everett Housing Authority - 14th and Popular - Contact Loren Hole, KK7M, 425-335-5158, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Walt Winters, AA7TL, 360-692-8326, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - 253-845-7652



ON THE WEB www.w7dk.org Come see us!

RADIO CLUB OF TACOMA
PO BOX 11188
TACOMA, WA 98411-0188

[ ] NEW MEMBER (ONE APPLICATION PER MEMBER)

[ ] RENEWAL (ONE RENEWAL FORM PER FAMILY OK)

MEMBER CATEGORY: [ ] FULL [ ] SENIOR [ ] ASSOCIATE [ ] FAMILY [ ] LIFE [ ] STUDENT [ ] REINSTATEMENT

Name_____ Call_____ Class_____ Birthday_____

Address_____ City/State_____

Zip+4_____ Home Phone(____)_____ Work Phone(____)_____

e-mail _____ Publish phone number/e-mail in the Club Roster? Yes [ ] No [ ]

Former Call(s)_____
Are you a Volunteer Examiner Yes [ ] No [ ] If Yes, which VEC_____

Occupation (or former occupation)_____ Employer_____

Are you a member of: ARRL [ ] ARES/RACES [ ] MARS [ ]

FAMILY MEMBERS NAME, CALL, AND LICENSE CLASS (RENEWALS ONLY)

_____

_____

_____

THE RADIO CLUB PARTICIPATES AND SUPPORTS THE FOLLOWING ACTIVITIES EACH YEAR. PLEASE MARK THE BOX IN FRONT OF THE ACTIVITY OR ACTIVITIES THAT YOU WILL HELP SUPPORT. WE URGENTLY NEED YOUR HELP AND SUPPORT, PLEASE CONSIDER AT LEAST ONE ACTIVITY THAT WE CAN COUNT ON YOU TO SUPPORT.

[ ] AWARDS BANQUET
[ ] FIELD DAY
[ ] RCT FLEA MARKET
[ ] BOOTH AT THE WWA FAIR
[ ] SWEEPSTAKES IN NOVEMBER
[ ] VE TEAM
[ ] LOGGER'S BARK MAILING PARTIES
[ ] TEACHING CLASSES
[ ] SCOUTS JAMBOREE IN OCTOBER
[ ] BEING AN ELMER
[ ] ARES/RACES
[ ] N KITSAP FLEA MARKET
[ ] OTHER MISC CONTESTS
[ ] MIKE & KEY FLEA MKT
[ ] RCT MUSEUM

Other hobbies, expectations, comment:_____

Do you own a computer? Yes [ ] No [ ] If so, what type?_____

How did you hear about the Radio club?_____

Seven dollars ($7.00) of your annual dues is the subscription fee for the Club's monthly newsletter(The Logger's Bark).

Club badges are available for $9.00. If you would like a badge, please PRINT the following:

Badge Name_____ Badge Call Sign_____

Applicant's Signature_____ Date_____

ANNUAL MEMBERSHIP DUES: FULL OR ASSOCIATE MEMBER $30
FAMILY MEMBER (AT SAME ADDRESS, FIRST TWO) $15 EACH (ALL ABOVE 2 ARE FREE)
SENIOR MEMBER (65 AND OVER) $25 FULL-TIME STUDENT (UP TO AGE 25) $15
LIFE MEMBERSHIP = 20 TIMES ANNUAL DUES (PAYMENT PLAN AVAILABLE)

FOR RCT USE ONLY

Dues received $_____ Treasurer's initials_____ Date_____

Badge fee rcvd $_____ Treasurer's initials_____ Date_____

RCT Number_____

HE LOGGER'S BARK
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acoma, WA 98411

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COMING EVENTS



MAR 3 - Pinochle Potluck - 7PM at the Clubhouse

MAR 7 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

MAR 10 - Mike and Key Swap at the FairGrounds

MAR 13 - License Exams - 7 PM - Clubhouse

MAR 14 - Club Meeting - Library Administration Center, 7:30 PM
Program: **STEALTH ANTENNAS AND LOCAL TOWER RESTRICTIONS**

MAR 15 - BARK deadline

MAR 21 - Club Meeting - Library Administration Center, 7:30 PM
Program: **BHUTAN, THE LAND OF THE THUNDER DRAGON**

APR 7 - Pinochle Potluck - 7PM at the Clubhouse

- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- **See page 3 for meeting program schedule.** Check the weekly net for updates to the program schedule.

HAPPY ST. PATRICK'S DAY!

March 2001

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 *ALF W7ALF  WINDY MARCH	2 *DAN N7LSO	3  9:00 AM OPEN HOUSE 7:00 PM PINOCHLE POTLUCK *BUD N7HKS ARRL Int'l DX Contest, phone
4 *JONATHAN KC7VUQ ARRL Int'l DX Contest, phone	5 *JAMES KC7ETS *RAY W7RDZ	6 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	7 7:30 PM RCT BOARD MTG *JIM W7CSX *STEVE KC7AZW	8 *JAMES N7DKI *LINK N7CEO *STEVEN KD7FVU	9 *AL K7PUC *GEORGE KD7DOT	10  9:00 AM OPEN HOUSE *VIVIAN
11 *BETTY KC7ACY *DAN AJ7K North American Sprint, RTTY	12 *BOB KD7IBU North American Sprint, RTTY	13 7:00 PM ARES NET 145.37R 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R	14 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD *BYRON K3ROT *ROY KA7X	15 *JOANNE WA4KZQ  BARK DEADLINE IS THE 15TH	16 *ERIC WA7GHE *JERRY W7JC	17  9:00 AM OPEN HOUSE  HAPPY ST PATRICK'S DAY
18 *BILL KC7AKY	19	20 7:00 PM ARES NET 145.37R 7:00 PM MVWS LICENSE EXAMS 7:30 PM RCT NET 147.28R	21 *AL K5EAF  SPRING HAS SPRUNG	22 *PAUL KC7MKL *SCOTT KD7KQA	23 *HELEN W7WRI	24  9:00 AM OPEN HOUSE *ROBERT N7AHR
25	26 *CHARLES KC7UFR *LUCILLE NB7T *MOREL W6LIX	27 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	28 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD *RAYMOND KC7VEP	29 *GLENDA	30	31  9:00 AM OPEN HOUSE

February 2001

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

April 2001

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXVIII NR. 3 | W7DK | MARCH 2001

FROM THE PRESIDENT

Mick, KK7QS

Hello everyone. I hope the new year has settled in smoothly for everyone. We are beginning work on our Special event station. We are ready to lay out the ground work. But first we have some basics to set up. We must come up with a date, and also we have to get started on promotions. We will need someone to design QSL certificates, as well as someone to plan our media exposure. If you or someone you know thinks they can help out with any of this please contact me. My e-mail address is kk7qs@k7pp.com. Or call me at 253-847-8223.

We are also trying to put some kind of activities together to draw interest in visiting the clubhouse on Saturdays. We want to plan short demonstrations and presentations, like the demonstration we recently had of amateur TV, to create interest in participating. We had a pretty good turnout even though the word didn't get out much in advance. It proved to us that if we show it, people will come. I would like to have demonstrations showing people things like how to erect the towers we use for field day. Not enough people know the proper way to set up these towers. They can be dangerous if not done properly. There are an endless amount of things we can do to keep interest flowing. If you have any ideas on what you would like to see, or if you have something you would like to demonstrate, please contact me. If we put our ideas and efforts together, I am sure we can have a lot of fun and help each other expand our knowledge of Ham Radio. After all, there is a lot more to Ham Radio than just mobile or HF DXing. Let's share what we know!

73 de kk7qs, Mick



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- ▶ **CONTEST CALENDAR** - Page 6
- ▶ **SPECIAL REPORTS** - Page 12
- ▶ **ARES** - Page 5

RENEW YOUR MEMBERSHIP NOW!

Please fill out the member application (found elsewhere in this issue) and return to the club tresurer with your dues.

THANKS!

PINOCHLE



at the Clubhouse
1249 So. Washington
1st Saturday, Mar. 3rd
Pinochle & Potluck - 7PM
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898

RADIO CLUB OF TACOMA -- 1999

PRESIDENT	MICK PIER	KK7QS	847-8223
V PRESIDENT	MOREL GUYOT	W6LIX	838-5433
SECRETARY	ED ROOT	KC7OKS	851-7463
TREASURER	ROGER TERWILLIGER	WA7ANJ	475-4293
BOARD (5)	AL BURLESON	K7HW	474-9023
	WORTH GURLEY	W7WG	582-3844
	RICH MANSON	N7ANF	474-8883
	GEORGE NOBLE	KK7FM	756-1127
	FRANK PALMER	AC7JY	539-1685
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PUBLISHER	W7DK PRESS	N7QHW	265-3661

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CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call a club officer to pass on the word to the appropriate person(s).

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.28 / .88 MHz **144.97 - Packet**
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Dick Giguere, KA7FXQ RCT #208
4214 232nd St E
Spanaway, WA 98387-6900 253-846-767
rgiguere@kdelectric.com

Charles Kemmer, KC7UFR RCT #20
477 7th Ave Fl
Fox Island, WA 98333-9717 253-549-40
ckemmer@harbornet.com

John D Bryan, No Call RCT #20
1002 S Stevens St
Tacoma WA 98405-1254 253-752-74
jdbryan@msn.com

John T Robson, Jr., KB7GNM RCT #20
9907 Lake Steilacoom Dr SW
Lakewood, WA 98498-5714 253-984-67
jtrobson@uswest.net

Bill Stephens, KD7KPV RCT #20
Pam Stephens, KD7KPU RCT #20
18230 SE 317th St
Auburn, WA 98092-6546 253-631-12

Edward McDonald, KD7LIL RCT # 20
1701 S M St
Tacoma, WA 98405-3555 253-627-26

Reinstatements

Harold Thompson, N7FQR
Eric Thompson, N7OIX
Margaret A Thompson, KB7WYK
PO Box 5205
Spanaway, WA 98387-4080 253-847-92

Address/Phone Changes/Corrections

Rich Manson, N7ANF
5629 S Pine St
Tacoma, WA 98409-6215 Phone Sa

Julian C Whaley, W7DXI
7524 18th Ave NE
Seattle, WA 98115-4424 Phone Unkn

Robert Nagley, N7AHR
48411 Alder Cutoff Rd E
Eatonville, WA 98328-7414

Dick Strong, KB6PWR 253-229-6

Edward Harwood, Jr., KB7FEW 253-473-2

E-Mail Address Changes/Additions New Calls/Upgrades

See page 3 for the list of changes.

Silent Keys

Julian Whaley, W7DXI
Robert Wenburg, KF7KI

COMING PROGRAMS AT RCT

MARCH 14TH - STEALTH ANTENNAS AND LOCAL TOWER RESTRICTIONS - If you live in an apartment, have very little space for antennas, or live in a subdivision that allows no visible antennas, you still can operate on all the bands. Stealth antennas are your answer. Alan Allen, N7EAY, will show you how to get on the air. Also, where you can and can't place an antenna on your property. Get ready to upgrade and get on the HF bands.

MARCH 28TH - BHUTAN, THE LAND OF THE THUNDER DRAGON - Since the beginning of Amateur Radio, the tiny Kingdom of Bhutan has been one of DXCC's rarest entities. As the world's most private and preserved country, historically only a few people were ever allowed inside, or granted a license. But in May, 2000, a group of dedicated DXers traveled to the Himalaya Mountains to operate ham radio from Bhutan, as A52A. This professionally produced video highlights the culture and beauty in this far away land.

E-MAIL CHANGES AND ADDITIONS

Bob Hagar, W7SKI	w7ski@aol.com	Christopher Rose, KF6SNJ	radiogopher@juno.com
Del Newhouse, KC7HYU Sandy Newhouse, KC7HYT	sandel12@earthlink.net	Al Carter, K5EAF	alcarter@hotmail.com
George Lightner	glighta@foxinternet.com	Jerry Cerny, W7JC	w7jc@aol.com
Lee Meyers, W6PFZ	olm3@juno.com	Richard Heasty, KK7VH	rheasty@wolfenet.com
Robert C Nelson, KD7HBE	ginac@foxinternet.com	Richard Leary, W7LKG	rsl6145@msn.com
George Noble, KK7FM	george.noble@multicare.org	Ralph L Millard, K7ITW	k7itwralph@yahoo.com
Don Olson, W7DON	w7don@aol.com	Owen Nelson, KB7UXP	kb7uxp@arrl.net
Kermit Thompson, W7PMR	kermthompson@juno.com	Candace Plumlee, KK7BI	clplumlee@aol.com
Jeff Smythe, KB7QAG	crl165@cs.com	Kirk Schroll, KC7UFY	kndd6@hotmail.com

Call Changes and Upgrades

Norman J Hoppe was KC7DCN and is now K7DCN

Milton Loflin, KD7GUA, EXTRA Class
John D Bryan, Call Pending, Tech with HF





TECHNICIAN CLASS LICENSEES

UPGRADE TO GENERAL CLASS

FREE CLASS Meeting for 6 Thursday nights

CONTACT JERRY, W7BUN - 253-845-7652

TUESDAY NIGHT NET JANUARY CHECK-INS

CALL	*NUMBER OF CHEK-INS*	*NAME*
KD6ILO	3	MARIO
W6LIX	2	MOREL
KD7AAG	1	MARK
WA7ANJ	1	ROGER
KJ7BN	2	MARILYN
AC7BU	4	AL
K7BUD	2	BUD
W7BUN	3	JERRY
W7DON	2	DON
N7EAY	1	ALAN
W7EC	1	HAL
KK7FM	1	GEORGE
KB7GNM	1	JOHN
KD7GOR	3	BILL
KD7GTZ	2	VERN
KA7HGE	1	GEORGE
KD7IGY	2	WILMA
W7IMW	3	JACK
KA7IOX	4	SCOTT
K7JIL	4	JILL
KC7JME	3	NORA
AC7JY	4	FRANK
KC7KAQ	1	STEPHEN
AC7KQ	4	RAY
KD7KQA	3	SCOTT
KD7KPY	1	KEITH
NN7L	3	JASON
KD7LHP	1	JOE
KA7MYU	2	LES
WA7OHG	1	WADE
KC7OKS	1	ED
N7OLT	2	RICK
KC7OQN	1	JOHN
N7QHC	1	DAN
KB7QAG	4	JEFF
N7QHW	4	SHIRLEY
N7QHX	4	TOM
N7QOZ	3	BOB
KK7QS	3	MICK
KK7QW	3	PETE
W7RW	3	ANDY
W7SKI	2	BOB
KG7SM	2	BOB
KB7SVX	1	JEAN
KB7SWW	1	BOB
KK7VH	2	RICH
KC7VUM	4	LOU
KB7WDB	3	LOU
W7WG	3	WORTH
N7WGF	2	RUTH
KA7WGG	3	LORRAINE
KB7YTJ	1	LORNA
W9BYH	3	BILL

NET CONTROLS

JAN	2	KK7QS
JAN	16	AC7BU
JAN	23	K7BUD
JAN	30	W7BUN

ARRL MEMBERSHIP

If you haven't joined or re joined the ARRL, please do so through the Radio Club of Tacoma! The ARRL is the major voice for Amateur Radio in the US and, besides providing a wealth of information to its members, they provide us with a voice in Washington to help protect the interests of all amateurs. Additionally, RCT is an ARRL Special Service Club and RCT needs to have at least 51% of its members belong to the ARRL to retain its Special Service Club status. See the Treasurer for application forms, and bring your ARRL renewal notices and rejoin through the club. The club receives a commission for each new or renewed membership sent through the club.

JOIN TODAY!

See our club treasurer for details.

SPECIAL SERVICE CLUB

ARES/RACES

...de Shirley Murphey, N7QHW

Remember in times of need to tune into 145.37 repeater and see if anything is happening. If help is needed, please jump in with your call and volunteer to help. Don't wait for the phone to ring, just get on the air and volunteer.

Public Service Events will be coming up soon so stay tuned for announcements of needs on the weekly net at 7:00 PM on Tuesdays on 145.37 repeater and remember, VOLUNTEER. We always need lots of volunteers so please consider helping. Remember as a member, we feel it is essential that each person participate in at least one event or drill each year.

The following was printed in "The Radiogram" which is published by Group Health Cooperative.

HOME FIRE SAFETY

By: Chris Floyd, Disaster Services Director Capital Area Chapter, American Red Cross

ARE YOU READY?

Fire is one of the most common disasters and causes more deaths than any other type of disaster. But fire does not have to be deadly if you take precautions and have an escape plan. Please be serious about the responsibility of planning for and practicing what to do in case of a fire. Get together with household members to discuss and finalize a personalized Fire Plan. Practice your plan frequently. Here are some guidelines you can use in preparing your emergency plan.

Make your home fire safe

- Smoke detectors save lives. Install smoke detectors outside each sleeping area and on each additional level of your residence. Keep new batteries on hand.
- Use the test button to check each smoke detector once a month. When necessary, replace batteries immediately. Replace batteries at least once a year.
- Have a working fire extinguisher in the kitchen. Make sure it is properly charged.
- Use the gauge or test button to check proper pressure. If the unit is low on pressure, damaged, or corroded, replace it or have it professionally serviced. Get training from the fire department on how to use the fire extinguisher.
- Keep blankets, clothing, curtains, furniture and anything that could get hot and catch fire away from portable heaters.
- Plug heaters directly into the wall socket and unplug them when they are not in use.
- Keep items away from the stove that could catch fire.
- Use safety plugs in electrical outlets, especially if you have small children.
- Avoid overloading electrical outlets and running cords under carpet and furniture.
- Plan your escape routes
- Draw a floor plan of your home. Determine at least 2 ways to escape from every room of your home.
- If you must use an escape ladder, be sure everyone knows how to use it.
- Have a plan to escape if bars cover windows.
- Select a location outside your home where everyone would meet after escaping.
- Practice your escape plan at least twice a year.
- Once you are out, stay out!
- Know how to call for emergency assistance.
- Escape safely
- If you see smoke in your first escape route, use your second way out. If you must exit through smoke, crawl low under the smoke to escape.
- If you are escaping through a closed door, feel the door before opening it. If it is hot, use your second way out.
- If smoke, heat or flames block your exit routes, stay in the room with the door closed. Signal for help using a bright colored cloth at the window. If there is a telephone in the room, call the fire department and tell them where you are.

You can help protect yourself and your family from the dangers of fire by planning NOW for an emergency. Be smart - be safe.

For additional information on home fire safety or to become a Disaster Resistant Neighborhood please contact the local Chapter of the American Red Cross.



Remember to check your Department of Emergency Management (DEM) card to be sure it has not expired. If your card expires anytime between now and the end of June, fill out a new application and turn it into Shirley Murphy, N7QHW, for processing. PLEASE take note that if your DEM card has expired and there is not a current card on file in the DEM office, you HAVE BEEN REMOVED from the list of volunteers. To be eligible again, you simply need to fill out a DEM application. Be sure to turn them in to Shirley, N7QHW, so that all of our records are up to date.

Do you want to get involved? Simply contact Alan Hughes, KB7SVU, at 253-840-4947 and let him know.

73 Shirley, N7QHW

AREA SWAP MEETS

10 Mar 2001 Puyallup, WA
Mike & Key ARC
http://www.mikeandkey.com
Contact: Michael Dinkelman, N7WA
22222 148th Avenue SE
Kent, WA 98042
Phone: 425-867-4797 (days) or 253-631-3756 (eves)
Email: mwdink@eskimo.com

12 May 2001 Stanwood, WA
Stanwood-Camano ARC
Contact: John McCann, N7MZ
27312 56th Avenue NW
Stanwood, WA 98292
Phone: 360-629-2921
Email: huppert@whidbey.net

1-3 Jun 2001 Seaside, OR
Northwestern Division Convention
Oregon Tualatin Valley ARC
http://www.seapac.org
Contact: Randy Stimson, KZ7T
9890 SW Inglewood Street
Portland, OR 97225
Phone: 503-297-1175

SCHEDULE YOUR SWAPMEET VISIT

Radio Club of Tacoma License Exams

MARCH 13, 2001
APRIL 10, 2001

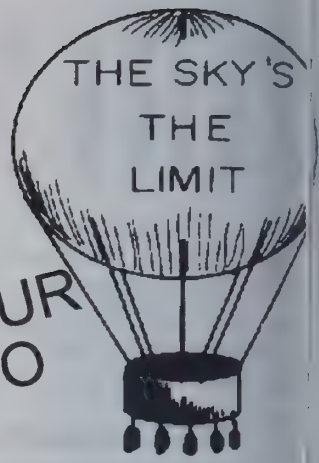
7 PM RCT Clubhouse
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.65. For information call: Shirley Murphy, N7QHW @ 253-265-3661
Fee as of Jan. 2001 – $10

ADDRESS CHANGES

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to Shirley, N7QHW, @ 253-265-3661.

MARCH CONTESTS



3-4
ARRL International DX Contest, phone

11-12
North American Sprint, RTTY
Wisconsin QSO Party

13-14
CLARA and Family HF Contest, phone and CW

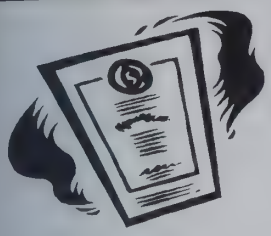
18-20
Virginia QSO Party

24-25
CQ WW WPX Contest, phone

W1AW Qualifying Runs are 10 PM EST, Monday, March 5, and 7 PM EST Tuesday March 20. The K6YR West Coast Qualifyin Run will be at 9 PM PST on Wednesday, March 7. Check the W1AW schedule for de tails.



Want more info, check **www.arrl.org/contests**



FIRST CONTACT AWARD

Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First Contact Award will be issued.

RCT JACKETS AVAILABLE NOW

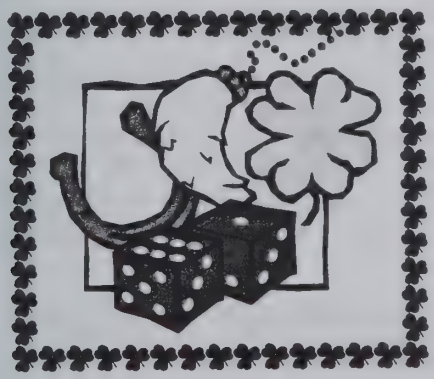
COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.
SIZES Small through XL ARE $39, XXL ARE $46 AND XXXL ARE $52.00.
GET ONE NOW!
Call Shirley, N7QHW, at 253-265-3661, to order yours today!

STOLEN

Have YOU seen this rig?

STOLEN

Yaesu FT-708 transceiver,
power supply,
VFO, and microphone
If spotted, call Dean Scott, KE4MB, Buckley, WA, 360 829-2541 or cellular 253-318-2042.



EDITOR'S NOTES



kathleen@naceplace.com

Hello from the damp Southwest! As I write this we are having a nice steady rain and it is in the mid 50s. Reminds me of the Northwest, where today was beautiful, I hear!

We have been busy with activities in the park and outside the park. Roger has been teaching general internet classes here in the park and is active in one of the Investment Clubs. He has gotten active with a 4-wheeling group and has gone on several fun and exciting trips. To see a sampling of the most recent one go to: `http://www.4x4central.com/coke.html` They went through Box Canyon on the way to the Coke Ovens and then came back across the Gila River. He said it was different driving through the river with the water lapping at the doors! He has been taking lots of pictures and maybe one of these days, we'll get the web page updated!

Next week I am going to take a service class on the Allison transmission that we have in our motorhome. I am looking forward to some hands-on as we will partially teardown and then reassemble the tranny.

This morning, when I was walking the dog, I saw a pair of cardinals. The male is such a beautiful red! I had never seen a pair before. We have lots of hummingbirds, morning doves, quails, and many other birds that I haven't named yet. The wild flowers are very beautiful this winter since there has been more moisture this year. The desert is quite green, with patches of color.

Have a good month with radio club activities. By the time you get the April issue, we will be traveling again. Remember to volunteer and help our club.



See you next month.
73, Kathleen, NØEYK



SUPPORT YOUR CLUB

RADIO CLUB OF TACOMA

W7DK

◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet.

DAVID CLARK TO RESURRECT ROUND-THE-WORLD ATTEMPT

Within hours of a maritime disaster in which his sailboat sank and his beloved canine companion Mickey was lost at sea, 76-year-old David Clark, KB6TAM, was ready to once again set sail. Despite the devastating loss, Clark has vowed to continue his effort to become the oldest person to sail solo around the world.

Clark may have ham radio to thank for being alive. According to media accounts, when Clark realized he was in trouble, he used his onboard ham gear to call for help.

Following his rescue February 7, Clark told his wife, Lynda, that he would complete his journey "if I have to swim." Clark had begun the final leg of his round-the-world sail when his vessel, the Mollie Milar, sank two days after leaving Cape Town, South Africa. He had hoped to reach Ft Lauderdale, Florida--where he began his journey in late 1999--by mid-May, a sail of approximately 7000 nautical miles from South Africa.

Clark now is back in Cape Town, thanks to several South African hams, and he's making plans to restart his adventure with another vessel.

Lynda Clark said that since speaking with her husband by telephone, she's been able to get more accurate details on what happened the night of February 7, when the Mollie Milar began taking on water and her husband and Mickey, a west highland terrier, had to abandon ship in rough seas.

Clark is said to have put out a distress call via Amateur Radio, and his call was picked up in Cape Town and relayed to maritime rescue authorities. "It was very fortunate that there was a ship close by," she said.



The container vessel Emonte was equipped to mount a rescue effort. The Emonte launched a lifeboat with a crew of four, which subsequently capsized. But David Clark and Mickey were not aboard at that point.

With the initial rescue effort foiled and thinking the ship might not be able to rescue him after all, Clark prepared his own lifeboat for launch, Lynda Clark said. By then, the ship was within a few feet of Clark's 44-foot steel-hulled sailboat and again ready to attempt a rescue. A line was thrown, and Mickey was put into a sling to bring him aboard first, but he wriggled free and was lost at sea.

For his part, Lynda Clark continued, "David had all he could do to get himself up the side of that ship at this point, and limited time to do it."

"We are totally indebted to the people on the ship who rescued David and brought him safely back to East London port," Lynda Clark said. "And we can't express how much we appreciate the ham operators and all the people of South Africa who have loved and supported David and are now offering him so much assistance."

Hams in East London paid Clark's fare to Capetown and arranged for a hotel. Another group of hams is said to be looking after Clark in Cape Town.

"He will get to Ft Lauderdale to complete the goal, we just don't have the date yet," Lynda Clark said this week. For more information on David Clark's journey visit `http://www.dclark.com` and `http://www.captainclark.com`.

SOLAR CYCLE

A story on the Science@NASA Web site at `http://science.msfc.nasa.gov/headlines/y2001/ast15feb_1.htm` concerns the sun's magnetic poles' reversing during the peak of every solar cycle. The article says that the switch has already happened and that this is a good indication that the peak of the solar cycle is here or perhaps has passed.

CODE-FREE TECHNICIAN TICKET TURNS 10

February 14, marked the 10th anniversary of the elimination of the Morse code requirement to obtain a Technician license. For the first time, starting on February 14, 1991, applicants could obtain an Amateur Radio license in the US without having to take a Morse code examination. The ARRL was among several petitioners for a codeless license--quite a controversial issue at the time. In putting out the welcome mat to the new class of Amateurs in his "It Seems to Us . . ." editorial in the February 1991 QST, ARRL Executive Vice President David Sumner, K1ZZ, predicted that five years down the road, "our first codeless amateurs will be providing personnel and leadership in local public service communications efforts from coast to coast." That prediction turned out to be right on the money. The Technician license has proved popular over the years, and Technician and Tech Plus licensees far outnumber other license classes today.

AO-40 FUTURE RESTS ON REDUCING SPIN, REGAINING ATTITUDE CONTROL

The key to a successful AO-40 recovery continues to be a matter of reducing spin and regaining the ability to adjust AO-40's attitude from the ground. AMSAT says the current problem is a lack of accurate AO-40 attitude data.



Only when ground controllers can accurately determine the satellite's attitude will it be possible to change it and correctly aim AO-40's high-gain antennas for optimal reception on Earth. Ground controllers have had no luck hearing AO-40's transmitters on the omnidirectional antennas on 2 meters, 70 cm or 1.2 GHz. Since the satellite's computer was reset and telemetry resumed December 25, the AO-40 ground team has been analyzing telemetry sent via the 2.4 GHz beacon

the only transmitter now operating.

In its latest dispatch on AO-40, AMSAT-Germany waxed nearly poetic in describing the satellite's present situation. "AO-40 is currently like a ship that's lying on a sandbar in the fog at low tide," an update on the AMSAT-DL Web site declared. AMSAT-DL said AO-40 was "in the fog" because its high angle with respect to the sun temporarily prevents the sun sensors from providing attitude data. It's "at low tide" because the steep solar angle means less illumination of the solar panels and less energy produced. And it's "on a sandbar" because the satellite can't be set free from its present situation without some effort.

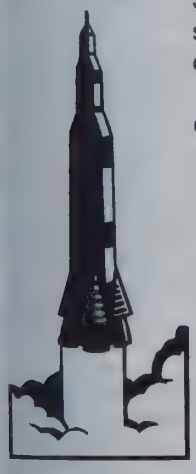
Ground controllers have been hoping that a previously announced "de-spinner" programming routine could permit AO-40 spin control without having to rely on the sun sensors. But even if the programming fix fails, by April, controllers reason, the satellites sensors will again see the sun and "thanks to magnetorquing, spin and attitude can be actively improved upon the rising tide." Once the spin is reduced, sun angle improved, and antennas pointed, testing can resume. Still outstanding are tests of the VHF and UHF transmitters, the arc-jet motor, and the reaction wheels, among others.

Both AMSAT-DL President and AO-40 Project Leader Karl Meinzer, DJ4ZC, and AMSAT-NA President Robin Haighton, VE3FRH, have continued to be optimistic that AO-40 will have a useful life of Amateur Radio service. AMSAT-DL says the recovery effort has been slowed somewhat because of limited access time on the part of the command team, due to AO-40's current orbital parameters.

SO-35 SATELLITE FAILURE BELIEVED PERMANENT

SUNSAT SO-35 has ceased operation, and ground controllers at South Africa's Stellenbosch University, where the satellite was built, say SO-35 appears to be off-the-air for good. The satellite had served as a popular and easily accessible FM-mode repeater.

"Unfortunately, little hope remains after two weeks of recovery attempts," said Stellenbosch University's Johann Lochner, ZR1CBC, in a posting to the AMSAT bulletin board. "Thanks to all who shared in our fun. Your feedback and encouragement made most of it happen."



Built by Stellenbosch grad students, SO-35 was launched February 23, 1999, from Vandenberg Air Force Base in California aboard a Delta II rocket.

Ground controllers say it's unlikely that battery failure was the cause of the shutdown. It's believed the failure resulted from multiple internal problems or possible collision with an external object resulting in major physical damage.

The SUNSAT Web site is at `http://sunsat.ee.sun.ac.za`.

ARRL OFFERS NEW FIVE-YEAR MEMBERSHIP PLAN

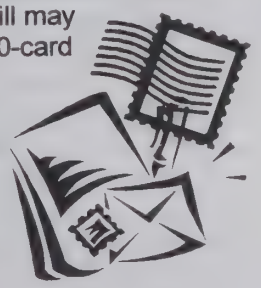
With a membership dues increase going into effect July 1, 2001, the ARRL is offering a special five-year membership plan until then, so members can lock in at the current, lower dues rates. Effective immediately, current or prospective ARRL members in the US and US possessions can obtain a five-year renewal or membership for $146 ($122 for those 65 or older)--a saving of $24 ($18 for those 65 or older) from the cost of year-to-year renewal at current rates!

Due to postal considerations, this offer cannot be extended to those living in other countries. The special five-year membership offer expires June 30, 2001, the last day the present dues schedule is in effect. After that, annual dues will increase to $39 for individuals ($34 for those 65 and older).

Another option is to apply for an ARRL Life Membership for $850. Special discounts apply to senior and visually impaired applicants. A complete rate schedule and application form is available on ARRLWeb, `http://www.arrl.org/join.html` .

ARRL OUTGOING QSL SERVICE ANNOUNCES REVISED RATES

The ARRL Outgoing QSL Service has announced a new and simplified rate structure, effective March 1, 2001. The new basic rate will be $4 per one-half pound (8 ounces, or approximately 75 cards) or any portion of a half-pound, a change from the current rate of $6 per pound or any portion. DXers still may ship 10 cards for $1, but the 20 and 30-card rates are being discontinued. The new rate structure will help to cover basic handling costs for smaller packages while actually offering a price break to moderate-volume users submitting up to one-half pound of cards. Under the current rate schedule, a half-pound of cards would cost $6, but it will be $4 under the new schedule. The new rates are in response to the recent postal rate increase and price restructuring. The Outgoing QSL Service is available to ARRL members. The last rate increase was in January 1999. For information on using the ARRL Outgoing QSL Service, visit ARRLWeb, `http://www.arrl.org/qsl/qslout.html`.



CALL SIGN SWITCHEROO

A Florida ARRL member has a new call sign he doesn't want because he erroneously checked off the wrong box while changing his address on-line via the FCC's Universal Licensing System. The amateur, who shall remain anonymous, sought ARRL assistance to correct what he thought was an FCC error. ARRL-VEC Manager Bart Jahnke, W9JJ, looked into the matter. As it turns out, the applicant apparently answered in the affirmative on Schedule D of Form 605 where it asks "Is this a request to change a station call sign systematically?" The FCC accordingly changed the call sign. Jahnke points out that applicants seeking to change their addresses in the FCC's database do not need to use Schedule D, and even if it were used, the correct answer would have been "no" unless the applicant wanted a new sequential, or systematic, call sign. Jahnke said the applicant could attempt to plead his case to the FCC, which

often is reluctant to correct such errors by applicants. He also suggested that the applicant could recover his old call sign by applying for it under the vanity program as a former holder and paying the $14 fee. Late word is that the licensee is going the vanity route.

ARRL TAKES PART IN ITU STUDY OF UNWANTED EMISSIONS.

The ARRL Technical Relations Office in Washington participated in just-completed International Telecommunication Union studies of "unwanted emissions" in the radio spectrum. Unwanted emissions consist of out-of-band and spurious emissions. The ITU-Radiocommunication Sector has conducted two multi-year studies of unwanted emissions during the past decade.

ARRL Technical Relations Manager Paul Rinaldo, W4RI, of the League's Washington office chaired a second-round task group with an international membership, drafting out-of-band emission specifications. ARRL Lab Supervisor Ed Hare, W1RFI, and his staff participated in task group meetings and provided technical support. Representatives of the International Amateur Radio Union also took part.

"Had we not invested all those hours and travel, the amateur and amateur-satellite services probably would have some unwanted emission limits that would be more difficult to meet and make amateur equipment more costly," Rinaldo said. The panel's recommendations are being circulated to governments for final approval.

Out-of-band emissions are those falling outside the necessary bandwidth of a signal and are the result of modulation. "Amateurs know them as key clicks and splatter," Rinaldo said. Out-of-band limits for amateur equipment were agreed upon at the final task group meeting last year, and Rinaldo says these are consistent with the idea of establishing a safety net--not stringent levels of emission.

The ITU defines spurious emissions as emissions beyond 250% of the necessary bandwidth, but the definition is still under debate. Spurious levels already are spelled out in the international Radio Regulations. ARRL Lab tests have shown that amateur gear could meet a standard of -50 dB relative to main signal for HF and -70 dB for VHF bands and above.

A suite of ITU-R recommendations on unwanted emissions is being circulated and should be approved by mid-year.

More work lies ahead for the ARRL Washington staff. Radio astronomers and earth-exploration passive services are not satisfied with present levels of unwanted emissions from satellites and are concerned about interference to their sensitive receivers. A new ITU task group is studying the issue and preparing information for presentation at WRC-03.

FCC BEGINS WRC-2003 PREPARATIONS

In preparation for the next World Radiocommunication Conference in 2003, the FCC's WRC-03 Advisory Committee met for the first time January 30 at FCC Headquarters in Washington. The FCC International Bureau's Planning and Negotiations Division has primary responsibility for guiding the FCC's WRC-03 efforts.

A WRC-03 Web site has been set up at http://www.fcc.gov/wrc-03 along with a mailbox for the committee, wrc03@fcc.gov .

The Advisory Committee provides an opportunity for interests outside the federal government to develop and debate US draft proposals for possible adoption by the FCC, the National Telecommunications and Information administration and the US Department of State.

WRC-03 will deal with wide-ranging telecommunications issues, including IMT-2000 or so-called "third-generation" or "3G" cellular telephone devices, fixed services, mobile and fixed-satellite issues, HF broadcasting, satellite broadcasting, and regulatory matters.

Amateur Radio-related issues on the WRC-03 agenda include the revision of Article S25 of the International Radio Regulations--the basic rules for the Amateur and Amateur-Satellite services. This includes the issue of whether to retain the treaty requirement to demonstrate Morse code proficiency for access to amateur bands below 30 MHz.

WRC-03 also will review the terms and definitions of Article S1 to the extent required as a consequence of any changes made in Article S25. Among other things, Article S1 contains the definition of the Amateur and Amateur-Satellite services. In addition, WRC-03 participants are expected to review the provisions of Article S19 concerning the formation of call signs in the amateur services, in order to provide flexibility for administrations.



WRC-03 will consider realignment of amateur and broadcasting bands around 7 MHz on a worldwide basis. The long-standing problem was identified in a WARC-92 recommendation that called for realignment at a future conference. The International Amateur Radio Union is committed to supporting a "harmonized" worldwide 300-kHz allocation in the vicinity of 7 MHz.

An examination of the adequacy of HF broadcasting allocations from approximately 4 to 10 MHz also is on the agenda. Conference participants also will consider abandoning an earlier commitment for HF broadcasters to shift from double to single-sideband AM modulation and move instead to digital modulation.

Among other issues that could affect Amateur Radio, WRC-03 will consider allocations for non-geostationary, non-voice mobile satellites (the so-called "Little LEOS") below 1 GHz, as well as spectrum above 1 GHz for feeder links. In addition, the conference will consider Earth Exploration-Satellite Service in the 420 to 450-MHz band.

ARRL Technical Relations Manager Paul Rinaldo, W4RI, says that most of the issues of concern to amateurs have been assigned to the WRC-03 Advisory Committee's Informal Working Group 6. ARRL Technical Relations Specialist Walt Ireland, WB7CSL, has been appointed as vice chairman of IWG-6. Rinaldo says Ireland's

presence "will be key in seeing that amateur issues have fair treatment." He said Ireland's experience with the Voice of America also will be helpful in dealing with HF broadcasting issues being considered by the panel.

Expected to take place in Venezuela, WRC-03 is scheduled to begin June 9, 2003, and continue until July 4, 2003.

CLUB 2000 ACHIEVEMENT AWARDS GO TO FOUR OUTSTANDING CLUBS!

When the ARRL Volunteer Resources Committee met recently in Texas, they had a 10-gallon size job in front of them–to review the ARRL Headquarters work party's recommendations of four clubs to receive the first-ever Club Achievement Awards.

The winners were the 10-70 Repeater Association of Wanaque, New Jersey, in the Over 100 Members category; the Big Rapids Area Amateur Radio Club, Paris, Michigan, in the Under 100/More than 25 Members category; Peninsula Electronic Amateur Radio Society, Hampton, Virginia, in the 25 or Fewer Member category, and Central Bible College Amateur Radio Club, Springfield, Missouri, in the School Club category.

Throughout last year, clubs from all over the US visited the ARRL Web site to learn about the program and start the process of documenting all facets of their club's special achievements. The new incentive awards were aimed at recognizing clubs that are growing, thriving, and developing positive community relations.

Participation in emergency and public service activities, public relations and ham radio recruitment, building ARRL membership, volunteer examination participation, outreach to the disabled, educational and instructional innovations, and Field Organization volunteerism were important criteria. A $1000 award for the Top Achiever Club in each category was ARRL's way of saying, "Great job!" Awards for this program were funded by The ARRL Foundation Inc.

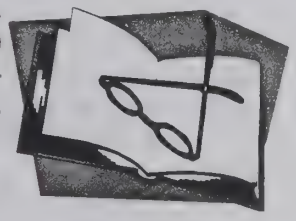
Submittals arrived from more than 40 clubs. The ARRL hopes to offer this achievement incentive for clubs again in two years. Honorable Mention clubs will be posted later on the ARRL Web site, **http://www.arrl.org** .

OMIK NOW AN ARRL-AFFILIATED CLUB

OMIK, the national organization of African-American amateurs, now is an ARRL-affiliated organization. An ARRL Charter of Affiliation was presented to OMIK January 27 in Atlanta, since OMIK President Frank T. Smith, K1UB, resides in Fayetteville, Georgia. OMIK, which is pronounced "Oh-Mike," was organized in 1952. The name OMIK stands for Ohio, Michigan, Indiana, and Kentucky.

Amateur Radio Exams

in the Puget Sound Region as of November, 1999



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Thursday - 7:00 PM, **Bonney Lake** Library,18501 90th St East – Contact Roxann Holwege, AB7HO, at 253-862-8905

2nd Tuesday - 7:00 PM - Radio Club of* Tacoma *Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Bill Thompson, K7OLY, Tumwater, 360-236-9048

2nd Saturday - 10 AM - **Tukwila** - Denny's Restaurant, #3 13100 48th So., Contact Mary Lewis, W7QGP, 206-523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 Tobin Street - Contact Jan VanAllen, K7YH, in Kent, at 206-824-9039.

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

3rd Saturday - 10 AM - **Shelton** - Shelton Airport - Contact - Dick Bostrom, N7LD, 360-426-4627, Shelton

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Bill Thompson, K7OLY, Tumwater, 360-236-9048

4th Saturday - 10 AM - **Everett** - Everett Housing Authority - 14th and Popular - Contact Loren Hole, KK7M, 425-335-5158, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Walt Winters, AA7TL, 360-692-8326, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - 253-845-7652



ON THE WEB www.w7dk.org Come see us!

Morse Code Testing Changes

By July 1, 2001 the 10 question tests for the Morse code element of Amateur Radio License Testing Sessions will be changed. ARRL VEC indicates that they will begin changing out the tests sometime in the spring of 2001.

The code speed will remain at 5 Words Per Minute (WPM). The character speed which is currently at 18 WPM will be changed to between 13 - 15 WPM and the tone will remain at 720 Hz.

The biggest change is the 10 question test. There will be no more multiple choice answers. All the questions will be fill in the blank and you must have at least 7 of the 10 correct to pass the exam or have 1 minute of perfect code copy to pass. One minute of copy is equal to 25 characters. Each letter is 1 character. Numbers, punctuation marks, and prosigns each count as two characters.

The person taking the test is responsible for copying the text exactly as it was sent and for transcribing the answers on the quiz sheet. On the quiz sheet, you are advised to print each answer exactly as it was sent in the message. The written answers must compare exactly with what the answer key indicates. If the answer key shows that the answer to a question is "New York", the candidate must write "New York", not "NY" or anything else. Conversely, if the answer is "NY", the candidate must write "NY", not "New York". The only exception in grading may be if a candidate provides a two or three word answer where the answer indicated on the key is only one word, as long as two conditions are met: (1) the additional words in the candidates answer were actually part of the appropriate text; and (2) the answer given by the applicant is spelled exactly as it was transmitted.

The above information is taken from the ARRL VE Manual, which was just published, and are the guidelines that will be used for grading Morse Code exams by the VE team.

If you are considering taking the Morse Code exam you might want to start studying and practicing and take it before the above guidelines go into effect if multiple choice is your thing. I do believe that the lowering of the character speed will be a benefit when taking the exams and will allow for more accurate copying of what is being transmitted so don't despair. We, of course, will continue to offer special accommodations when that is necessary but do recommend that anyone needing this needs to let us know in advance of the testing session in order to do this.

If anyone has any questions please feel free to contact me either by email which is **sundance@harbornet.com** or telephone which is 253-265-3661.

73. Shirley Murphy, N7QHW

TREASURER'S REPOR

January 2001

Income	$1322.78
Expenses	$1420.24
Net (loss)	-$97.64

ARRL RCT VE Team Repo

Since January 1, 2001 we have tested 37 pers s during our VE Team testing sessions. Out of the 37 pe- ple, 26 people have either upgraded their license or achieved a new license. Of the remaining 11 people, 5 passed an exam and did not upgrade and the remainin 6 people were not successful in their attempt to upgrade r achieve a new license.

Congratulations to Radio Club of Tacoma Mer bers who tested during that period.

Charles Kemmer, KC7UFR, upgraded to General Clas
John T Robson, KB7GNM, upgraded to General Class
Milton Loflin, KD7GUA, upgraded to Extra Class
John D Bryan, Call Pending, achieved Technician with F

Congratulations to Radio Club of Tacoma Mer bers who are well on their way to the next license clas

Scott A Clausen, KD7KQA, passed written General E m
Louis H Metz, Jr, KC7VUM, passed written General E m
Jean A Treloar, KB7SVX, passed written General Exa

Congratulations to all and stay tuned for furth exam testing results in the future.

73, Shirley, N7QHW, Radio Club of Tacoma VE Tear Liaison

WWV Survey

The National Institute of Science and Techno gy (NIST) is considering reducing or eliminating the WW broadcasts. If you use the WWV services, send for a ir- vey and tell why you wish WWV to continue. Give rea sons such as, "I use the broadcasts to calibrate my tr s- ceiver to prevent out of band operation."

Dear WWV/WWVB/WWVH Listeners:

In order to understand what parts of our serv es are being used and who is using them and for what p - poses, it was decided to sample the users by means a questionaire. The questionaire provides an opportun to learn other things about our services and the users o ur services. Your response is greatly appreciated and a sur- vey will be sent to you this summer. For more inform tion about the radio broadcast services and the other tin and frequency services NIST offers, visit our website t: **www.boulder.nist.gov/timefreq**

Sincerely,

The Staff of NIST Radio Stations WWV/WWVB/WW



ANNOUNCING THE 20th ANNUAL MIKE AND KEY ARC ELECTRONICS SHOW & FLEAMARKET

MARCH 10,2001 @9AM
PAVILION EXHIBITION HALL
WESTERN WASHINGTON FAIRGROUNDS, PUYALLUP, WA
ADMISSION-$6 (UNDER 16, FREE w/ADULT)
TWO FLOORS WITH 44,000 Sq FEET
OF EXHIBITION AREA * 300 tables
TALKIN 146.82/22 (PL 103.5) & 146.58 SIMPLEX
RADIO GEAR * COMPUTERS * CLUB INFO * PARTS
SNACK BAR * FREE PARKING * CONSIGNMENT AREA
OVERNIGHT SC/RV Camping Available * LICENSE EXAMS

Y'all come
See you there!

RADIO CLUB OF TACOMA
PO BOX 11188
TACOMA, WA 98411-0188

[ ] NEW MEMBER (ONE APPLICATION PER MEMBER)

[ ] RENEWAL (ONE RENEWAL FORM PER FAMILY OK)

MEMBER CATEGORY: [ ] FULL [ ] SENIOR [ ] ASSOCIATE [ ] FAMILY [ ] LIFE [ ] STUDENT [ ] REINSTATEMENT

Name_____ Call_____ Class_____ Birthday_____

Address_____ City/State_____

Zip+4_____ Home Phone(____)_____ Work Phone(____)_____

e-mail _____ Publish phone number/e-mail in the Club Roster? Yes [ ] No [ ]

Former Call(s)_____
Are you a Volunteer Examiner Yes [ ] No [ ] If Yes, which VEC_____

Occupation (or former occupation)_____ Employer_____

Are you a member of: ARRL [ ] ARES/RACES [ ] MARS [ ]

FAMILY MEMBERS NAME, CALL, AND LICENSE CLASS (RENEWALS ONLY)

_____

_____

_____

THE RADIO CLUB PARTICIPATES AND SUPPORTS THE FOLLOWING ACTIVITIES EACH YEAR. PLEASE MARK THE BOX IN FRONT OF THE ACTIVITY OR ACTIVITIES THAT YOU WILL HELP SUPPORT. WE URGENTLY NEED YOUR HELP AND SUPPORT, PLEASE CONSIDER AT LEAST ONE ACTIVITY THAT WE CAN COUNT ON YOU TO SUPPORT.

[ ] AWARDS BANQUET
[ ] FIELD DAY
[ ] RCT FLEA MARKET
[ ] BOOTH AT THE WWA FAIR
[ ] SWEEPSTAKES IN NOVEMBER
[ ] VE TEAM
[ ] LOGGER'S BARK MAILING PARTIES
[ ] TEACHING CLASSES
[ ] SCOUTS JAMBOREE IN OCTOBER
[ ] BEING AN ELMER
[ ] ARES/RACES
[ ] N KITSAP FLEA MARKET
[ ] OTHER MISC CONTESTS
[ ] MIKE & KEY FLEA MKT
[ ] RCT MUSEUM

Other hobbies, expectations, comment:_____

Do you own a computer? Yes [ ] No [ ] If so, what type?_____

How did you hear about the Radio club?_____

Seven dollars ($7.00) of your annual dues is the subscription fee for the Club's monthly newsletter(The Logger's Bark).

Club badges are available for $9.00. If you would like a badge, please PRINT the following:

Badge Name_____ Badge Call Sign_____

Applicant's Signature_____ Date_____

ANNUAL MEMBERSHIP DUES: FULL OR ASSOCIATE MEMBER $30
FAMILY MEMBER (AT SAME ADDRESS, FIRST TWO) $15 EACH (ALL ABOVE 2 ARE FREE)
SENIOR MEMBER (65 AND OVER) $25 FULL-TIME STUDENT (UP TO AGE 25) $15
LIFE MEMBERSHIP = 20 TIMES ANNUAL DUES (PAYMENT PLAN AVAILABLE)

FOR RCT USE ONLY

Dues received $_____ Treasurer's initials_____ Date_____
Badge fee rcvd $_____ Treasurer's initials_____ Date_____

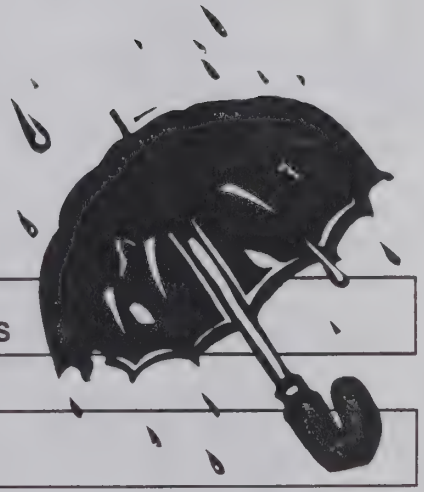
Receipt Number_____ Radio of Tacoma Membership Number_____

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma, WA 98411

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U.S. POSTAGE
PAID
TACOMA, WA
PERMIT NO. 1078

RETURN SERVICE REQUESTED

COMING EVENTS



APR 1 - Daylight Savings Time - SPRING FORWARD!

APR 4 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

APR 7 - Pinochle Potluck - 7PM at the Clubhouse

APR 10 - License Exams - 7 PM - Clubhouse

APR 11 - Club Meeting - Library Administration Center, 7:30 PM
Program: **STEALTH ANTENNAS AND LOCAL TOWER RESTRICTIONS**

APR 15 - BLESSED EASTER BARK deadline

APR 25 - Club Meeting - Library Administration Center, 7:30 PM
Program: **BHUTAN, THE LAND OF THE THUNDER DRAGON**

MAY 5 - Pinochle Potluck - 7PM at the Clubhouse

- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- **See page 3 for meeting program schedule.** Check the weekly net for updates to the program schedule.

APRIL SHOWERS...

April 2001

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1 *NORA KC7JME DST SPRING FORWARD	2 *STEF KB7PKF APRIL SHOWERS	3 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R *JAMES WT7Y *JEFFREY WB7NND *NINA KD7JDY *ROSS KC7UFM	4 7:30 PM RCT BOARD MTG *DOROTHY *MARTHA N7GUE	5	6 *LLOYD W7LUI	7 9:00 AM OPEN HOUSE 7:00 PM PINOCHLE POTLUCK *CARL KC7LBE *MIKE KB7UXU
8	9 *HARRY N7DOE	10 7:00 PM ARES NET 145.37R 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R *RICH WB7PYS	11 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD *BOB WA7ZZA	12	13 *DONALD K7DK *LEE W6PZF	14 9:00 AM OPEN HOUSE *HAP KB7UXD BARK DEADLINE IS THE 15TH
15 *JOE WZ7M HAPPY EASTER TO ALL	16 *BOB KB7SWW *JERRY K7ETU	17 7:00 PM ARES NET 145.37R 7:00 PM MVWS LICENSE EXAMS 7:30 PM RCT NET 147.28R	18 *BERNARD KD7GOE	19 *JOHN N7FOW *ROBERT W7RXS	20 *MICK KK7QS	21 9:00 AM OPEN HOUSE *BILL W7KT *PAT N7CAK
22 *JOHN KC7FGG	23 *CHANDLER KC7EYZ	24 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	25 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD	26 *OWEN KB7UXP *VERN KD7GTZ	27 *ROBERT N7HXX	28 9:00 AM OPEN HOUSE *MARY ANN KD7HYX *MERTON KA7NRA
29 *DAVID N7DJC	30 *TOM N7LTI					

March 2001

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

May 2001

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

* HAPPY BIRTHDAY

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

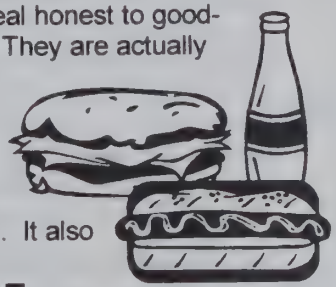
VOL. XXXVIII NR. 4 | W7DK | APRIL 2001

FROM THE PRESIDENT

Mick, KK7QS

Hello everyone. Once again we have seen the coming and going of the local areas largest ham fest. The Mike and Keys annual Puyallup event appeared to be a success. I would like to take this opportunity to thank Nora (KC7JME) and Lou (KB7WBD) Simmons for their work in setting up and maintaining the W7DK / RCT information table. I would also like to extend my thanks to Ed Root (KC7OKS), Ray Winter (AC7KQ), Roger Terwilliger (WA7ANJ), Chuck Souter (KA7HJN), and Jean Treloar (KB7SVX) for all the help they provided. Our table proudly displayed our club flag and made available information about our club and its upcoming events.

Speaking of upcoming events we have W7DK at the beach scheduled for Sunday June 10, 2001. I have been told we plan to serve real honest to goodness "New York Hot Dogs". They are actually being shipped in from the east. This will be a pot-luck event, so bring your favorite dish to share. The club will provide the "Dogs" and soft drinks. The rest is up to you. It also features what we call antenna wars. This is a lot of fun and you will see a lot of creative ideas. So please mark this date on your calendar, and try to attend. Also don't forget Field Day, and our upcoming Ham Fest.



Jerry Seligman (W7BUN) is the field day chairman. If you want to participate or even run a station, he is currently taking sign ups. Roger Terwilliger (WA7ANJ) is chairing the ham fest committee, and would like all the help he can get. Please call and volunteer. Our club depends on this event for a large part of our income. Support your club.

We are in the process of establishing several other committees at this time. George Noble (KK7FM) is in the process of forming a youth committee to help get our youth interested and involved in ham radio. We hope to establish a relationship with the Scouts, Schools, and many other potentially interested youth groups. George has already spent a lot of time working behind the scenes with the scouts and has gotten a very positive reaction. If this sounds like something that might interest you please feel free to contact George and see what you can do to help.

We are also in the process of forming a fund raising committee, and revamping our emergency operations system. I need people interested in leading as well as helping.

I can not make this club any more than it already is by myself. I need help at all levels. Please volunteer. Lets make this club something we can all be proud to be a part of. Share your expertise and talents with everyone.

We will all benefit in the long run. And our community will begin to look up to us. Most important lets keep it fun. 73 until next time.
Mick / kk7qs

(Editors PS - Don't forget, we also have a booth at the Puyallup Fair in September. Help!)

IN THIS ISSUE...

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- ▶ **ARES** - Page 4

RADIO CLUB OF TACOMA -- 1999

PRESIDENT	MICK PIER	KK7QS	847-8223
V PRESIDENT	MOREL GUYOT	W6LIX	838-5433
SECRETARY	ED ROOT	KC7OKS	851-7463
TREASURER	ROGER TERWILLIGER	WA7ANJ	475-4293
BOARD (5)	AL BURLESON	K7HW	474-9023
	WORTH GURLEY	W7WG	582-3844
	RICH MANSON	N7ANF	474-8883
	GEORGE NOBLE	KK7FM	756-1127
	FRANK PALMER	AC7JY	539-1685
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	ROGER NACE	K8RN	209-5624
	DICK RYAN	W7RGD	627-0922
	JERRY SELIGMAN	W7BUN	845-7652
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COMPOSITOR	KATHLEEN NACE	NØEYK	209-5624
PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please call a club officer to pass on the word to the appropriate person(s).

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.28 / .88 MHz **144.97 - Packet**
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Membership info will be fully updated next month.

Reinstatements

Address/Phone Changes/Corrections

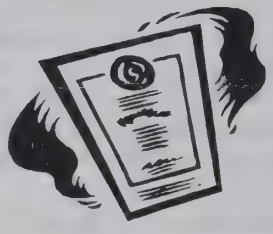
Dan McConnell, AJ7K
Phone is 253-943-1522

E-Mail Address Changes/Additions
New Calls/Upgrades

John T Robson, Jr., was KB7GNM and is now AC7LK
Congratulations on your upgrade to E

Silent Keys

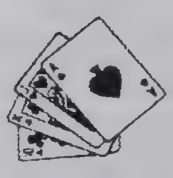




FIRST CONTACT AWARD

Did you know that there is a certificate that can be given to new hams fo their first on the air contact? Jerry, W7BUN, has supply of First Contact Award Certificates. If yo have a first contact with a new ham, ask for their fi name and call. Call Jerry at 845-7652 and provid that information along with the date of the contac and a First Contact Award will be issued.

PINOCHLE



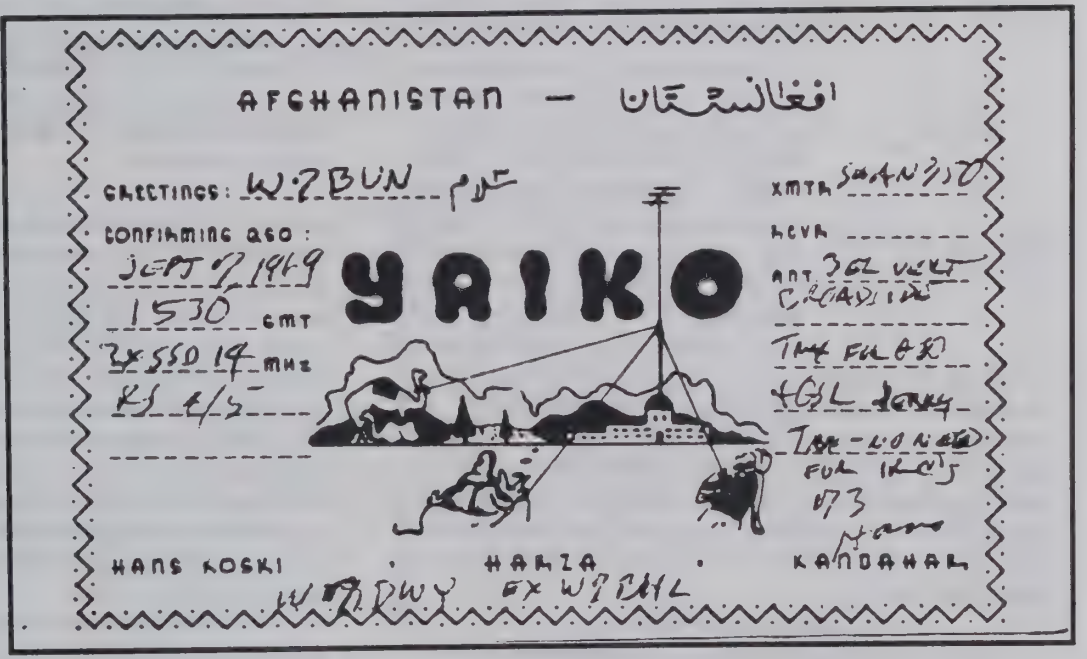
at the Clubhouse
1249 So. Washington
1st Saturday, Apr 7th
Pinochle & Potluck - 7PM
For info call:
Jack, WA7ENB, & Marilyn Mo e
253-759-4898

COMING PROGRAMS AT RCT

APRIL 11TH - THE EMERGENCY ALERT SYSTEM For the last several years you have been hearing the data bursts on Radio and TV that signal a test of the Emergency Alert System. Clay Freinwald, K7CR, will be here to explain what it all means and how it works. Clay is Chairman of the Washington State Emergency Communications Committee (State EAS Committee) as well as Chair of the Society of Broadcast Engineers EAS Committee. He is employed by Entercom (they own 100 radio stations in 18 markets around the country, including 8 in Seattle) as Senior Facilities Engineer. A former member of RCT, he joined back in 1973.

APRIL 25TH - HAM RADIO'S NEWEST DIGITAL MODES PSK-31 is a digital mode of communication that is rapidly gaining popularity in the amateur radio community. Al Churchill, AC7BU, will demonstrate an operating PSK-31 station. He will also discuss MFSK-16. You'll learn how to download free software, how to connect your computer to your transceiver, where to buy accessories, and discuss operating events such as PSK-31 contesting and DXing.

QSL Card of the Month





ARES/RACES

...de Shirley Murphy, N7QHW

Remember in times of need to tune into 145.37 repeater and see if anything is happening. If help is needed, please jump in with your call and volunteer to help. Don't wait for the phone to ring, just get on the air and volunteer.

Public Service Events will be coming up soon so stay tuned for announcements of needs on the weekly net at 7:00 PM on Tuesdays on 145.37 repeater and remember, VOLUNTEER. We always need lots of volunteers so please consider helping. Remember as a member, we feel it is essential that each person participate in at least one event or drill each year.

Following are some considerations to keep in mind if you hear that there appears to be something going on in the form an ARES or RACES callout.

GENERAL CONSIDERATIONS IN EMERGENCIES

Clear Frequencies During Emergencies During practice drills and tests, the ARES fights it out with the normal QRM situation in most of the amateur bands. In emergencies, however, FCC in Washington may declare a clear channel in accordance with Section 97.401 of the amateur regulations. Application for required clear channels is made via the FCC Engineer-in-Charge of the area concerned, who will investigate the situation. If he finds that such clear channels are indeed required, he will so recommend to his headquarters, which will usually then declare such required channels as "emergency frequencies" to be used only for this purpose until further notice, or for a designated period of time. Such declarations are usually announced by ARRL Bulletin via W1AW. Certain amateurs may be designated by FCC as monitors with authority to report stations who refuse to cooperate.

ARE YOU READY?

IN AN EMERGENCY

- Monitor your local emergency net frequency.
- Make contact with your local EC or Radio Officer.
- Take immediate steps to follow any prearranged plans.
- Stay off the air until you are sure you can be of assistance.
- In widespread emergencies, monitor W1AW for latest bulletin and news.

Amateur communication is point-to-point communication, not broadcast. Our purpose is to supply communication with as much secrecy and as little public excitement as possible.

Be sure that all official messages are properly authenticated. Do not originate messages yourself-le officials originate them and sign them. Our part in the emergency is to supply the communication; it is up to others to supply its content.

Good advance amateur planning, by ARES groups, ordinarily develops efficient communications through:

⇒ Designating main stations for key points.
⇒ Providing operators and relief operators.
⇒ Reducing interference levels by asking voluntary cooperation in standing by.

Analysis of station frequencies and equipme from registrations has an important bearing. Plans ma involve:

⇒ local vhf links (repeaters)
⇒ low frequency nets and schedules for point-to-poir distance work
⇒ putting skilled operators on circuits having heavier loads
⇒ use of CW or digital modes in record communicati reducing phone band congestion
⇒ use of phone for information discussion where se- crecy is less important.

Facilities should be pooled for best results w minimum interference, and divided among the differen agencies served.



Remember to check your Department of Emergency Management (DEM) card to be sure it has not expired. If your card expires anytime between now and the end of June, fill out a new application and turn it into Shirley Murphy, N7QHW for processing. PLEASE take note that if your DEM card has expired and there is not a current card on file in the DEM office, you HAVE BE REMOVED from the list of volunteers. To be eligible again, you simply need to fill out a DEM application. sure to turn them in to Shirley, N7QHW so that all of records are up to date.

Do you want to get involved? Simply conta Alan Hughes, KB7SVU at 253-840-4947 and let him know.

73 Shirley, N7QHW



AREA SWAP MEETS

12 May 2001 Stanwood, WA
Stanwood-Camano ARC
Contact: John McCann, N7MZ
27312 56th Avenue NW
Stanwood, WA 98292
Phone: 360-629-2921
Email: huppert@whidbey.net

1-3 Jun 2001 Seaside, OR
Northwestern Division Convention
Oregon Tualatin Valley ARC
http://www.seapac.org
Contact: Randy Stimson, KZ7T
9890 SW Inglewood Street
Portland, OR 97225
Phone: 503-297-1175

W7DK Flea Market

SCHEDULE YOUR SWAPMEET VISIT

Radio Club of Tacoma License Exams

APRIL 10, 2001
MAY 15, 2001

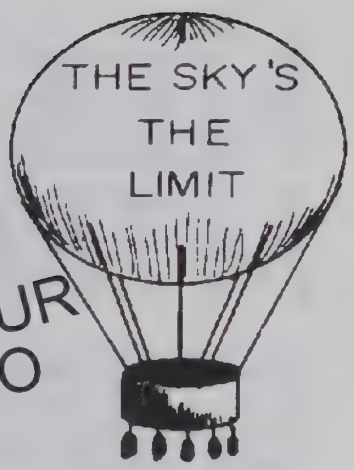
7 PM RCT Clubhouse
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.65. For information call: Shirley Murphy, N7QHW @ 253-265-3661
Fee as of Jan. 2001 – $10

▶▶▶ ***ADDRESS CHANGES*** ◀◀◀

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to Shirley, N7QHW, @ 253-265-3661.

APRIL CONTESTS



7-9
QCWA QSO Party
VHF/UHF Spring Sprints

13-16
Japan International DX Contest, CW
Lighthouse Spring Lites Rites QSO Party
QRP ARCI Spring QSO Party, CW
His Majesty the King of Spain Contest
DXYL-NAYL Contest, CW

17
222 MHz Spring Sprint

21-22
Michigan QSO Party
Ontario QSO Party
Holyland DX Contest

25
432 MHz Spring Sprint
DXYL-NAYL Contest, Phone

28-29
Florida QSO Party
Nebraska QSO Party
Six Meter Sprint



Want more info, check
www.arrl.org/contests

MEETING MINUTES

Radio Club of Tacoma
General Membership Meeting
28 February 2001

Meeting opened at 7:30 PM. The flag salute was led by Chuck, KA7HJN.

Alan, KB7SVU, spoke about the poor response to the call for assistance at the time of the quake. He did admit that the tone was not turned off on the 145.37 repeater. Mick, KK7QS, reported that the only damage to the clubhouse was a broken window.

Health and Welfare: W6NBD, Mac's wife is doing well after surgery for a blocked artery.

Correspondence: Bills, statements, renewals, and non-preferential bulk business mail.

Jerry, W7BUN, spoke of coming programs. At the next one, Alan Allen, N7EAY, will speak on covenants, restrictions, and stealth antennas.

Program: Mike, WB7DFQ, spoke about putting tone on the 147.28 repeater and why we need to do it. He also discussed was what tone was and how it worked.

Hints and Kinks: Roger, WA7ANJ, gave us the joke of the day.

Tuning and Traffic: DX - a contact with the Socoreen Islands.

New Calls: John Bryan, KD7LZT, and John T. Robson, AC7LK.

Good of the Order: At a March meeting we will raffle off a 2 meter HT. Al, AC7BU, reported that he has a computer fixed up for the club. Jerry reported that he has a brake controller for the club's beam antenna. Frank, AC7JY, reported on cell phone's failing during the earthquake.

Door prize drawing was done.

Adjourned at 8:20 PM.



TREASURER'S REPOR

de Roger, KA7ANJ

INCOME:	
BARK/ROSTERS	$7.00
CLASSES	55.00
COFFEE	6.56
DONATIONS	15.00
FIELD DAY	20.35
DOOR PRIZES	63.10
DUES	1665.00
SOFT DRINKS	4.00
TOTAL INCOME:	$1836.01

EXPENSES:	
CLASSES	$62.31
POSTAGE	34.00
BULK MAILING	16.15
REPEATERS	160.00
TAXES (SALES)	132.00
TELEPHONE	61.86
TOTAL EXPENSES:	$466.12

FEB 2001 NET: $1369.89

Radio Club of Tacoma
Board Meeting
7 March 2001

The meeting was called to order at 7:30 PM.

Minutes were approved as corrected. The correction w to change the reported loss in the treasurer's report to +$97.64.

Correspondence: A Thank You note from Elizabeth Wenburg for the card sent by the club for her husband. S.K., several renewals, bank statements, and some newsletters.

Treasurer's Report: Income - $1836.01, Expenses - $466.12. The Treasurer, Roger, WA7ANJ, plans to pre sent a proposed budget to the board and to committee chairs at the next board meeting. He thinks we should have this.

Committee Reports: Membership, 185 renewals, not counted, life, honorary, paid in advance, and ones received tonight.

Training: We will have a General class in mid April, an a Technician class in early May.

President Pier, KK7QS, reported that we needed chairs for Emergency, Scholarship, and Public Relations stan ing committees. He also mentioned that we have ad h committees such as, Repeater, Training, Field Day, W Fair, and Flea Market.

Repeater Committee will check out receive problems w the 147.28 system.

Flea Market Committee has sold 2 tables, and Jerry, W7BUN, wants to send a flyer to all hams in Western Washington.

Field Day Committee is still looking for a site. Also me tioned was that we need training to safely put up the p able antennas. WE also need written instructions on t

Rich Manson, N7ANF, expressed an interest in the Scholarship Committee.
W7DK at the Beach: We couldn't get the Sunday date we wanted so we may need to have it on Saturday. Bud, K7BUD, is trying for 19 May 2001.
Ray, AC7KQ, has a new job and needs someone to take over membership duties.
Emergency Services Committee needs a chair and the question was raised if it could be the ARES/RACES Committee combined.
Shirley, N7QHW, has requested that others take over some of the many things that she has been doing – maintaining the mailing list, membership rosters, WW Fair and many other things. Contact Shirley if you can help.
St. Helens: We need to get the QSL cards sent out. The Station Manager is responsible for being present, or having a responsible person present when the club station is open.
Old Business: Still having a problem with locking of clubhouse and facilities. A discussion on going to an electronic locking system.
Discussion on whether to turn off or leave hot water on. Roger will try to get estimates on costs from city light.
Jerry will rewrite the preamble for the club. This is to update it and better reflect ours goals.
Rich updated us on the emergency battery shelter. Also mentioned was the need to re-instate the committee to maintain the emergency generators.
Garage roof still needs to be fixed. The original volunteer isn't able to do it.
We still need to take care of a bee's nest in the attic.
New Business: Discussion on a letter from M.L. Simpson regarding the recent emergency and a perceived lack of response from Pierce county Hams. Mick has responded and Simpson has been invited to come make a presentation at a club meeting. There will be ongoing dialog.
The Board voted to look into having a HF net from the clubhouse.
Jerry requested and was authorized to be paid $27 for a braking control for the beam antenna.
Silent Key: Denny Field, KB7NAG
Discussion on what was proper use of the club repeaters during emergencies. It is proper to use it to check up on family, ect., if it isn't in use for the emergency.
Good of the Order: Museum reported that they had made a 20 meter contact with one of the old rigs. They are prepping for our anniversary.
Present: Mick, KK7QS; Ed, KC7OKS; Rich, N7ANF; George, KK7FM; Al, K7HW; Bud, K7BUD; Jerry, W7BUN; Ray, AC7KQ; Roger, WA7ANJ; Frank, AC7JY; Worth, W7WG; and Morel, W6LIX.
Adjourned at 9:50 PM.

ELMER TODAY
VOLUNTEER!



Radio Club of Tacoma
Membership Meeting
14 March 2001
Meeting started at 7:30 PM. Flag salute was led by Mick, KK7QS Introductions were made around the room.
SK: Danny Field, KB7NAG, was a former member.
Correspondence: Insurance coverage statement, renewals, newsletters, address corrections.
Treasurer's Report: In the Bark.
Committee Reports:
W7DK at the Beach, will be at Owens Beach on 10 June 2001, a Sunday. We will have real New York hot dogs.
Field Day: Still looking for a site. Any suggestions will be welcome. Ft Steilacoom Park could not accommodate our needs.
Chris, KF6SNJ, asked that anyone who has books out from the club library please return them.
Jerry, W7BUN, reported that we will have a Tech class the first part of May, and a General class is forming now and still has a few openings. Jerry will also order tone boards for interested people. They will be $30 each plus shipping and handling. The order will go in by the end of this week.
Coming Programs: Professional video on a DXpedition to the country of Bhutan, at the next meeting. First meeting in April a demonstration by Al, AC7BU, on PSK 31 and MFSK 16.
Tonight's Program: Covenants, restrictions and stealth antenna's. presented by Alan, N7EAY.
Announcement: Jerry needs to reduce the inventory of ARRL Books. He can special order any that you are interested in.
Old Business: None reported.
New Business: There was a proposal to form a committee to support State Senate Bill 5002. This is a Ham radio friendly bill. A suggestion was made to write an article for the Bark to inform people about the bill and the need for support as a first step.
Discussion on putting pictures in the Bark. We have the capability to do it.
Tuning and Traffic: Kravis Island, a new country was on the air. The last day will be 3-15-01. The "Antiques" reported that they had the old AM radio on the air and got a good signal report from Saskatchawan, Canada.
Lynn, KB6OKS, Station Manager, wants to conduct a 10 meter net on 28.370 from the club station in the evening.
Good of the Order: Roger, WA7ANJ, reported on the Tuesday night test session, and how well it went. 100% pass.
Rich, N7ANF, reported that next Saturday he wouldn't be able to open the clubhouse, but he had a capable replacement to do it. He also stated that we will have a battery moving party soon to put the 200 lb each batteries in their new home. We have the wire to hook up the system.
40 people signed the log. We adjourned at 9 PM.



◈ News from the ARRL ◈

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet.

WORLD AMATEUR RADIO DAY SET FOR APRIL 18

The Administrative Council of the International Amateur Radio Union has selected the theme "Providing Disaster Communications: Amateur Radio in the 21st Century" for World Amateur Radio Day, April 18, 2001. IARU has been the watchdog and spokesman for the world Amateur Radio community since its founding in Paris, France, in 1925. Hiram Percy Maxim, 1AW, was its first president. In a related item, the International Telecommunication Union has approved publication of the Disaster Communications Handbook for Developing Countries. The role of the Amateur Radio service in disaster communications is one of the main points of the Handbook. IARU is the principal contributor to the Handbook. This event will coincide with the 76th anniversary of the founding of the IARU.

ARRL SEEKS TO EXPAND AMATEUR ACCESS TO 216-220 MHz

The ARRL has suggested that the FCC expand the secondary amateur allocation at 219-220 MHz to provide hams with access to the entire 216-220 MHz band. The League commented this month in response to a Notice of Proposed Rule Making, ET Docket 00-221, that proposes to reallocate 27 MHz of spectrum in various bands, including 216-220 MHz, from government to non-government use.

In general, the FCC seeks to allocate the entire 216-220 MHz band to the Fixed and Mobile services on a primary basis. At 219-220 MHz, Amateur Radio now is secondary to the Automated Maritime Telecommunications System (AMTS). Within the 1-MHz of spectrum, amateurs may install and operate point-to-point digital message forwarding systems, including inter-city packet backbones, but only under strict limitations. While the FCC has promised to protect AMTS and other operations from new interference, it extended no such assurances to amateur operations at 219-220 MHz. In its comments, the ARRL expressed fears that additional co-primary users "will essentially foreclose what limited opportunities there are now for amateurs to make use of the 219-220 MHz segment."



The League suggested that in the face of such potential constraints at 219-220 MHz, permitting amateur access to the entire 216-220 MHz band on a non-interference basis would be one means to accommodate Amateur Radio operations in that portion of the spectrum. Such a move would, the ARRL said, "provide at least some opportunity for amateurs to engineer fixed links into the band, which would not be possible in the 219-220 MHz segment alone."

Last month, in comments filed in PR Docket 92-257, the ARRL suggested letting amateurs submit computer-generated field strength contours that demonstrate a lack of interference potential to AMTS sites, in lieu of having to get written permission. In this proceeding, the ARRL further suggested that amateurs who proposed to operate in the 216-220 MHz band be allowed to used "fixed-distance separations" in lieu of the present conse requirements, as a means to demonstrate the absence interference potential to AMTS and other co-primary users.

A copy of the ARRL's comments in ET Docket 00-221 is available on the ARRL Web site, `http://www.arrl.org/announce/regulatory/et00-221/index.html` .

"BOING-BOING" INTRUDER LIKELY A CODAR INSTALLATION

The ARRL Monitoring System will formally ask the FCC to monitor yet another intruding signal, this time on the 12-meter amateur band. The widely reported signal sounds a bit like a tightly wound, noi spring being repeatedly compressed and release It's believed to be coming from a surface-wave ra dar installation, possibly in Central or South America.

"It sounds like someone playing with a really noisy spring, or a very poorly tuned guitar string," says ARRL Monitoring System Administrator Brennan Price, N4QX. "This signal is also unique in that it precisely oc cupies the entire 12-meter band, from 24,890 to 24,990 kHz, with the same pitch and tempo throughout the band."

While the signal does not appear to be overly d ruptive to amateur communications, it is almost certainl an intruder. "The 12-meter band is allocated to amateu on an exclusive basis worldwide," Price says. "This is r one of those instances where the observed station has much right to use the frequency as United States amateurs; any non-amateur signal on 12 is an intruder."

Informal discussions with professional monitors suggest that the rough pulses--about two per second in frequency--are characteristic of a CODAR (Coastal Ocean Dynamics Applications Radar) transmitter. CODAR is a specific type of HF radar used to map ocean surface currents in coastal zones. An overview of CODAR theory and applications is available on the Nationa Oceanic and Atmospheric Administration Web site, `http://www1.etl.noaa.gov/codar/codar.htm`

CAMBODIA OPERATIONS APPROVED FOR DXCC

Two XU7AAZ operations in Cambodia have be approved for DXCC credit. The XU7AAZ operations to place December 25, 1999, to January 5, 2000 and from December 20 to December 23, 2000. Approval for thes operations had been withheld for lack of documentatio The ARRL DXCC Desk has reviewed and accepted XU7AAZ documentation, and stations now can receive DXCC credit.

AMATEUR RADIO SPECTRUM PROTECTION ACT OF 2001 INTRODUCED

The Amateur Radio Spectrum Protection Act of 2001 is now officially HR 817. Rep Michael Bilirakis of Florida introduced the bill on March 1 in the US House of Representatives. Last week, ARRL President Jim Haynie, W5JBP, and ARRL First Vice President Joel Harrison, W5ZN, visited the Congressman's office to thank him personally for his continuing interest in protecting Amateur Radio frequency allocations.

The measure has been referred to the House Committee on Energy and Commerce.

The bill seeks to amend the Communications Act of 1934. It would require the FCC to make no reallocation of primary Amateur and Amateur-Satellite allocations, diminish any secondary allocations, or make additional allocations within amateur allocations that would substantially reduce their utility without also providing equivalent replacement spectrum.

League officials traveled to Washington in late February and early March for a three-day round of visits with senators and congressmen and their staff members.

Haynie and Harrison also visited the FCC, where they spoke with Peter Tenhula, Chief of Staff to FCC Chairman Michael Powell. Haynie was upbeat about the impact of the visits. "Once again we had an opportunity to tell our story about Amateur Radio and the important function it serves, especially in public service and education," he said.

ARRL URGES FCC TO NIX PART 15 PETITION AFFECTING 420-450 MHz

The ARRL is urging the FCC to deny or dismiss a petition that seeks to boost the field strength and duty cycle of RF identification systems deployed as unlicensed Part 15 devices in the 420-450 MHz band. The League filed comments March 1 in a petition filed by SAVI Technology Inc. The petition, designated RM-10051, asks the FCC to change certain Part 15 rules affecting unlicensed, periodic, intentional radiators. SAVI, which markets radiolocation and wireless inventory control products, says it needs the rules changes to satisfy customer demand for increased RFID system capabilities.

The ARRL argues that the field strengths and duty cycles SAVI proposes for its RFID tags "are completely unreasonable and would undoubtedly seriously disrupt amateur communications in one of the most popular of the Amateur Service allocations."

The ARRL characterized SAVI's petition as another in a long series in which manufacturers of unlicensed RF devices seek to liberalize rules regarding permitted field strengths for such devices in bands allocated to the Amateur Service. The League said SAVI obviously did not have interference avoidance in mind when it chose the 420-450 MHz band. "It is among the worst choices SAVI could have made from that perspective," the ARRL said. The League suggested that SAVI would be better off deploying the devices in the 902-928 MHz band.

The ARRL said SAVI not only has failed to show that its unlicensed devices could operate at the requested field strengths and duty cycles on an itinerant basis without unduly risking harmful interference to amateurs, it hasn't shown why it needs such extremely high field strengths to communicate over paths of 100 meters.

The ARRL said its limited anecdotal studies of noise levels from unlicensed devices in certain metro areas indicate that manmade RF noise "is substantially increasing." The League warned the FCC to "be extremely careful in evaluating rulemaking petitions proposing substantial departures from present Part 15 rules."

For more information on Part 15 devices, visit the ARRL Web page, `http://www.arrl.org/tis/info/part15.html`.

AO-40 TEAM REPORTS SUCCESS IN SLOWING SATELLITE'S SPIN RATE

Initial efforts to slow AO-40's spin rate have met with success. Peter Guelzow, DB2OS, of AMSAT-DL and the AO-40 team says magnetorqueing has been able to decrease AO-40's initial spin rate from 17.59 RPM to 15.9 RPM. "The target is something in the area of 5 RPM," Guelzow said this week.

The onboard magnetorqueing system--which consists of solenoid coils--makes use of Earth's magnetic field to control the spacecraft's spin and orientation. Magnetorqueing is most effective when Earth's magnetic field is strongest, so it typically only takes place at perigee--when the satellite is closest to Earth. Ground controllers have been making incremental adjustments during each perigee.



Guelzow said that as soon as the spin is favorable, AO-40's attitude will be adjusted to improve communication with Earth. De-spinning the spacecraft is a necessary first step to making any attitude adjustments, however. Guelzow said the onboard YACE camera was used to take some photographs "for a quick attitude determination," but he said the highly compressed JPEG-format digital photos were inconclusive. More pictures are planned once the spin rate is reduced.

When it met in Orlando late last month, the AMSAT-NA Board of Directors recognized that completing a full evaluation of AO-40 would take some time and that all of the satellite's designed functions may not be available.

ARISS school contacts could resume in late March.

NEW FIELD DAY RULES FOR 2001 DESIGNED TO ENHANCE THE FUN

Field Day 2001 will run from 1800 UTC June 23 to 2100 UTC June 24--as always, the fourth full weekend in June. Typically a club or group event, Field Day is the most popular operating activity of the year--and one of the most enjoyable for hams of all skill levels. A few rules changes this year affect bonus points for Field Day scores.

- The non-traditional mode bonus has been expanded from 100 to 300 points for doing three separate demonstration modes.
- Packet is back and will be counted as one of the three demonstration modes, but to claim packet credit, you must set up a portable digipeater system. Existing, permanent packet networks do not qualify for this bonus.
- You may earn a 100-point bonus if an invited local government official or representative of one of the agencies that ARES serves in an emergency visits your Field Day site. To earn this bonus, the invited official must actually visit the site, not just be invited.
- The message-handling bonus has been changed. You may now earn 10 points per message, up to 100 points total, for origination, relay, and delivery of formal NTS messages. In the past, only messages received and relayed were counted. The Field Day participation message to the Section Manager or Section Emergency Coordinator under rule 7.3.5 does not also qualify for bonus points under these rules.



This marks the last year that the extra Novice/Tech Plus station will exist in its current form. The Novice/Tech station is a non-counting transmitter, and its QSOs count for QSO point credit. The ARRL Membership Services Committee is considering several options to encourage participation by newly licensed hams.

The ARRL Contest Branch has compiled a 24-page Field Day 2001 Information packet, **http://www.arrl.org/contests/forms/01fdpack.pdf** . This document is available in hard-copy format by sending an SASE with four units of postage to Field Day Package, ARRL, 225 Main St, Newington, CT 06111. In addition to the dated Field Day pins that have proven so popular the past few years, the League now offers 2001 Field Day T-shirts. Pins are just $5, and the T-shirts are $9.95. For ordering information, visit the ARRL Products Catalog, **http://www.arrl.org/catalog**, or call toll-free 888-277-5289. The Contest Branch no longer handles orders for these items.

10-10 NET PRESIDENT THOMAS A. HENDERSON, K4CIH, SK

10-10 INTERNATIONAL

10-10 International President Tom Henderson, K4CIH, of Tuscaloosa, Alabama, died March 4. He was 64. Henderson reportedly had suffered a massive heart attack February 14 and had been in a coma. He was an ARRL member. Known to other 10-10 International Net members as #33233, Henderson was licensed in 1959 and had been active in 10-10 since 1980. He joined the board as a director in 1993 and became president in 1995. Henderson was a retired nursing supervisor. Services were private. Chuck Imsande, W6YLJ, has been designated to succeed Henderson. Visit the 10-10 Net International Web site: **http://www.ten-ten.org**.

BURTON TO SERVE TERM IN TEXAS

FCC sources say that former ham Richard Allen Burton, ex-WB6JAC, who was convicted of unlicensed operation, will spend his three months in jail in a federal detention facility in Ft Worth, Texas. Burton also was sentenced earlier this year to one year's probation and must undergo psychological treatment. The sentence resulted from a plea agreement. Originally set to begin serving his term in late February, Burton was allowed another couple of weeks to report to the federal prison in Ft Worth on his own, instead of being transported there in the company of US marshals. He's scheduled to report to begin serving his term March 19. Burton, who has a long history of alleged unlicensed operation, has been free on $20,000 bond since his arrest last August.

HIKING HAMS CLAIM PEDESTRIAN MOBILE DISTANCE RECORD

Bonnie Crystal, KQ6XA, of San Mateo, California and Max Pompe, ZL1BK, of Auckland, New Zealand, are claiming the record for the longest direct-path, pedestrian-to-pedestrian Amateur Radio contact. The two worked each other February 18 on 10 meters using compact SSB transceivers and homemade antennas.



On the New Zealand end, ZL1BK used a 1.8-meter (5 feet 11 inches) homebrew telescopic whip mounted on his Yaesu FT-817 running 5 W. Crystal had a 6-meter (19 feet 8 inches) fishing pole strapped to an aluminum pack frame and ran 20 W using a Vertex/Standard VX-1200 HF Manpack transceiver, a radio that's not marketed in the US. "Both of us used 3-meter insulated-wire dragging counterpoises," said Crystal.

The 6500-mile contact began on 15 meters but ended on 10, because conditions were better there for that path. "Other stations in the HFpack group here in the US had been trying to make a go of it, but we just lucked out," Crystal said.

For his part, ZL1BK said, "I still can hardly believe we did it, but the Pacific gods smiles on us as we rode the airwaves today."

The HFpack Web site has more information **http://groups.yahoo.com/group/hfpack/**. More information on Bonnie Crystal, KQ6XA, is available on her Web site, **http://www.qsl.net/kq6xa/**.

ARRL SEEKS ARTICLES FOR ANTENNA COMPENDIUM

ARRL is looking for original, unpublished articles for the next volume of the extremely popular book series The ARRL Antenna Compendium. Articles should be

about antennas, propagation, transmission lines, antenna tuners, towers--anything dealing with antennas! Submit articles to Dean Straw, N6BV, c/o ARRL HQ, 225 Main St, Newington, CT 06111.

QRP EME QSO REPORTED

A posting on the EME reflector reports that Ernie Manly, W7LHL, and Larry Liljequist, W7SZ, both in Washington, successfully completed an Earth-Moon-Earth (moonbounce) contact February 25 while running 5 W on 1296 MHz. "This was using the PUA43 mode with their DSP-10 transceivers and transverters," said Bob Larkin, W7PUA. This marked their first attempt at using the 5-W level for a QSO. The DSP-10 was a QST construction project by Larkin that appeared in three parts in the September, October and November 1999 issues of QST. The antennas for the QRP contact consisted of 10 and 12-foot TVRO-type dishes. Details are available at Larkin's Web site, **http://www.proaxis.com/~boblark/dsp10.htm** .



Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members area their areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment

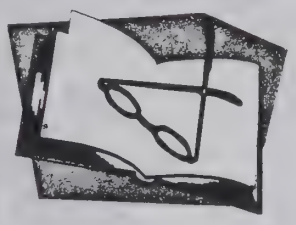
Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Frank, AB7YZ	253-752-8520	2,3
Roger, WA7ANJ	253-475-4293	1,2,3,4,7,8,11

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the board!

(Ed. Note – We need more volunteers on the elmer board. Please add your name to the list!)

Amateur Radio Exams

in the Puget Sound Region as of February 2001



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

2nd Tuesday - 7:00 PM - Radio Club of* Tacoma *Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Bill Thompson, K7OLY, Tumwater, 360-236-9048

2nd Saturday - 10 AM - **Tukwila** - Telephone Wireless Pioneer's Museum, 7000 W. Marginal Way, Contact Mary Lewis, W7QGP, 206-523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 Tobin Street - Contact Jan VanAllen, K7YH, in Kent, at 206-824-9039.

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

3rd Saturday - 10 AM - **Shelton** - Shelton Airport - Contact - Dick Bostrom, N7LD, 360-426-4627, Shelton

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Bill Thompson, K7OLY, Tumwater, 360-236-9048

4th Saturday - 10 AM - **Everett** - Everett Housing Authority - 14th and Popular - Contact Loren Hole, KK7M, 425-335-5158, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Walt Winters, AA7TL, 360-692-8326, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - 253-845-7652



ON THE WEB www.w7dk.org Come see us!

QST QST QST

From the W7DK Club Station

HF Net Starting 1 APRIL 2001 2000 HRS LOCAL 28.375 MHz USB

In order to better serve the club and use the great equipment that we have, I have decided (with the ok from the board) to start an HF net using the club station. The reason for doing so is many fold but, I will put it in a nutshell. First, not being able to check into the club 2M net on Tuesday evenings, I felt a bit out of touch with the latest in club activities, so a second net on a weekend evening seemed like a good idea. Second, to promote station operation, operator training, and be better prepared to communicate with our members in time of the next earth shaking event via non repeater operation, an HF net would fit the bill. As the net grows I would also like to encourage some on the air technical discussions, an help to elmer hams new to HF. As this is all still in the planning stages, I would welcome input from all of our members, so that this net will be useful to all of us. I will also have the station open both before and after the close of the net if there are hams that would like to come and use the equipment. Of course all are welcome to sit in live during the operation. In order to keep the net local (unless we have a band opening) and to have a frequency that all Tech Plus and above operators can check into I am planning to operate on 10 meters at 28.375 MHz USB. Starting each Sunday evening at 20:00 PST with the first net meeting on 1 April 01. If you are not able to transmit on HF, please listen in and I hope to provide a simplex check in frequency on 2M. If you have any thing to help me in this bold attempt, please feel free to contact me at any time.

73's for now and please check in. Lynn Neece, KB6OKS
W7DK Station Manager
253-853-5973 KB6OKS@JUNO.COM

SUPPORT YOUR CLUB

RADIO CLUB OF TACOMA

W7DK

ARRL RADIO CLUB OF TACOMA W7DK

RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.
SIZES Small through XL ARE $39, XXL ARE $46 AND XXXL ARE $52.00.
GET ONE NOW!
Call Shirley, N7QHW, at 253-265-3661, to order yours today!

EDITOR'S NOTES

kathleen@naceplace.com

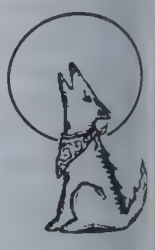


Hello from the damp - oh, not any more - Southwest! As I write this we are running the air conditioner in hopes of having it cool enough to sleep! It was in the 90s today! Welcome to spring!

Activities here in the park are winding down. Roger taught his last internet class on Napster last night and went on his last jeep trip last week. The snowbirds are flying north in bunches! The spring migration has begun! I have been busy trying to get things reorganized after being parked for this perio of time, as we will be leaving next week.

I really enjoyed my transmission class. I learned a lot and understand some of how they work. I is so complex that it amazes me that anyone figured it all out! It is really all magic! Sure does work well thoug

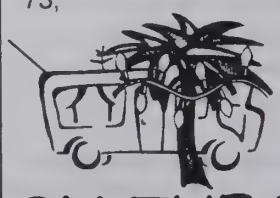
The last couple of weeks, I have seen roadrunners. What an interesting bird! Still have the cardinals, finches, doves, quail. One of my neighbors heard coyotes night before last. Don't hear them often, as development is gobbling up all the local desert.



Have a good month with radio club activities. By the time you get the April issue, we will be traveling again. Remember to volunteer and help our club.

See you next month.

73, Kathleen, NØEYK



ON THE ROAD AGAIN



TECHNICIAN CLASS LICENSEES

FREE CLASS

UPGRADE TO GENERAL CLASS

6 Monday evenings
Beginning APRIL 30TH

Sponsored by The Radio Club of Tacoma

To register call JERRY, W7BUN - 253-845-7652
Books are available for $15

TUESDAY NIGHT NET JANUARY CHECK-INS

CALL	NUMBER OF CHEK-INS	NAME
KD6ILO	1	MARIO
KD7AAG	3	MARK
KJ7BN	4	MARILYN
AC7BU	4	AL
K7BUD	3	BUD
W7BUN	4	JERRY
W7DON	4	DON
N7EAY	2	ALAN
W7EC	3	HAL
KK7FM	3	GEORGE
KD7GOR	3	BILL
KD7GTZ	2	VERN
KD7IGY	1	WILMA
W7IMW	2	JACK
KA7IOX	4	SCOTT
KD7JDY	1	NINA
K7JIL	3	JILL
KC7JME	4	NORA
AC7JY	3	FRANK
KC7KAQ	1	STEVE
KD7KPX	1	PAUL
KD7KPY	1	KEITH
AC7KQ	4	RAY
KD7KQA	3	SCOTT
NN7L	2	JASON
AC7LK	4	JOHN
KD7LHP	2	JOE
KA7MYU	3	LES
WA7OHG	1	WADE
KC7OKS	1	ED
N7OLT	1	RICK
KC7OQW	2	JOHN
KCOWX	1	SUE
KB7QAG	3	JEFF
N7QHW	2	SHIRLEY
N7QHX	2	TOM
N7QOZ	3	BOB
KK7QS	1	MICK
W7RW	2	ANDY
KC7SAA	2	ED
W7SFO	1	RYAN
W7SKI	2	BOB
KG7SM	1	BOB
KB7SVX	2	JEAN
KB7SWW	1	BOB
N7UNO	1	ALAN
KB7UXP	1	OWEN
KK7VH	1	RICH
KC7VUM	2	LOU
KB7WDB	4	LOU
W7WG	2	WORTH
KA7WGG	4	LORRAINE
KB7YTJ	2	LORNA
KC7ZQY	1	JOHN
WA9RMK	1	WILLARD

NET CONTROLS

FEB	6	W7BUN
FEB	13	K7BUD
FEB	20	AC7BU
FEB	28	K7BUD

ARRL MEMBERSHIP

If you haven't joined or re-joined the ARRL, please do so through the Radio Club of Tacoma! The ARRL is the major voice for Amateur Radio in the US and, besides providing a wealth of information to its members, they provide us with a voice in Washington to help protect the interests of all amateurs. Additionally, RCT is an ARRL Special Service Club and RCT needs to have at least 51% of its members belong to the ARRL to retain its Special Service Club status. See the Treasurer for application forms, and bring your ARRL renewal notices and rejoin through the club. The club receives a commission for each new or renewed membership sent through the club.

JOIN TODAY!

See our club treasurer for details.



JOIN THE EXCITING WORLD OF HAM RADIO!

CLASS

FOR

NO-CODE TECHNICIAN AMATEUR RADIO LICENSE

IN ONE WEEKEND

Saturday, May 5, 2001

And

Sunday, May 6, 2001

Sponsored by:

The Radio Club of Tacoma
1249 South Washington Street
Tacoma

To Register, Call

Al Burleson - 253-474-9023
or
Jerry Seligman - 253-845-7652

Course Fee - $6 (For Handouts)
Books are available for $19
Examinations - May 8 - 7 PM - $10.00 Fee

HE LOGGER'S BARK
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acoma, WA 98411

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ETURN SERVICE REQUESTED

COMING EVENTS



MAY 2 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

MAY 5 - Pinochle Potluck - 7PM at the Clubhouse

MAY 8 - License Exams - 7 PM - Clubhouse

MAY 9 - Club Meeting - Library Administration Center, 7:30 PM
Program: **PRACTICAL WORKSHOP**

MAY 15 - BARK deadline

MAY 23 - Club Meeting - Library Administration Center, 7:30 PM
Program: **ARES, RACES, AND THE RADIO CLUB**

JUN 1-3 - SEAPAC, Seaside, OR

JUN 9 - Pinochle Potluck - 7PM at the Clubhouse

JUN 10 - W7DK at the Beach—Owens Beach

- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- **See page 3 for meeting program schedule.** Check the weekly net for updates to the program schedule.

...MAY FLOWERS!

May 2001

W7DK EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 **7:00 PM ARES NET 145.37R** **7:30 PM RCT NET 147.28R**	2 **7:30 PM RCT BOARD MTG** *JOHN, KB7TGE	3  **HAPPY MAY !!**	4	5 **9:00 AM OPEN HOUSE** **7:00 PM PINOCHLE POTLUCK**
6	7 *LOU, KB7WDB	8 **7:00 PM ARES NET 145.37R** **7:00 PM RCT LICENSE EXAMS** **7:30 PM RCT NET 147.28R** *ANDREW WA7JGO *DAVID, KG7OP	9 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD	10 *DICK KA7FXQ	11	12 **9:00 AM OPEN HOUSE**
13 *AL AC7BU *SHELLEY, W7ATB **HAPPY MOTHER'S DAY**	14 *NICK, N7BCV	15 **7:00 PM ARES NET 145.37R** **7:00 PM MVWS LICENSE EXAMS** **7:30 PM RCT NET 147.28R**	16 **BARK DEADLINE IS THE 15TH**	17 *PAT WA7UNF	18 *DANNY, KC7KAN	19 **9:00 AM OPEN HOUSE**
20	21 *WADE, WA7OHG	22 **7:00 PM ARES NET 145.37R** **7:30 PM RCT NET 147.28R**	23 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH E & WALLER RD	24 *KERRY WB7AKE	25 ***KATHLEEN, N0EYK**	26 **9:00 AM OPEN HOUSE** *JOHN N7KN
27 *DICK, W7RGD *SCOTT KA7IOX	28  **MEMORIAL DAY**	29 **7:00 PM ARES NET 145.37R** **7:30 PM RCT NET 147.28R** *STEPHEN, WB7WUX	30 *SIGNE, W3IIJ	31 *EDWARD KD7LIL *MARY, W7SKR		

April 2001

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

June 2001

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

* HAPPY BIRTHDAY

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

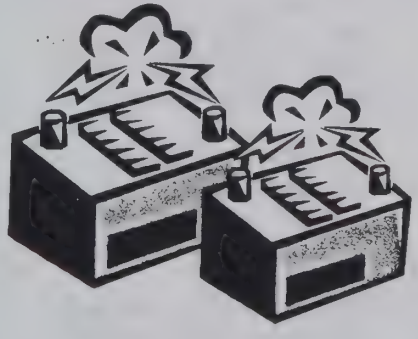
SPECIAL SERVICE CLUB

VOL. XXXVIII NR. 5 | W7DK | MAY 2001

FROM THE PRESIDENT

Mick, KK7QS

Spring is upon us. The nicer weather has inspired us to do a little more work around the clubhouse. The lawn has been mowed for the first time this year, and will need many more. We still need to do the weed eating. Rich, N7ANF, has been trimming the bushes and plants. He also has put in a few more plants, and things are beginning to look pretty good. The battery installation is almost complete. I'd like to thank everyone that showed up at the clubhouse on Saturday May 24th. We were able to finish moving the batteries to their new home in "The Box That Ray Built". This box is just outside the back door and behind the tower. Special thanks to Rich, N7ANF, for crawling under the house, amongst all the dirt and spider webs, to run the cables to the lower radio room. Then into the attic to run them into the upper room for the repeater and the HF station. Also, thanks to Lou, KB7WDB, for installing the fuse box to hook the cables to. Thanks to the crew pulling the wires and moving the batteries. They were Gary Martek, W7DO, Al Churchill, AC7BU, Ed Root, KC7OKS, Mac Parks, W6NBD, Morel Guyot, W6LIX, and myself, KK7QS. Al Burleson, K7HW, will be adding the final touches by making the cables that hook all the cells together. This will complete the emergency battery backup system for the club. Good Job!



Speaking of clubhouse activities, we plan to hold a mini flea market the last Saturday of every month. This will give all of us a chance to get rid of some of our overstocked items or add to our collection. So plan to come and join us. We have plans to practice setting up the antenna towers that we use for Field Day on Saturday 16th. That is the Saturday before Field Day. If you would like to learn how to erect these things, the proper way, plan to attend. They can be very dangerous and proper procedures are very important. We will also have hot dog cook outs now and then. So keep following the Net and other means of keeping informed. Don't forget the HF 10 meter net on Sunday evening at 8:00PM on 28.375MHz.

I hope the spring will find all of us in good health. Some of us had our bouts with the flu, most of whom I think are finely over it (I sure hope anyway). Wishing you all a healthy and fun spring. Looking forward to summer and all it's activities.

See you all next month. 73 de Mick, kk7qs

PS Don't forget W7DK at the Beach (June 10th at Owens Beach)



IN THIS ISSUE...

- ▶ **COMING RCT PROGRAMS** - Page 3
- ▶ **ARRL NEWS** - Page 8
- ▶ **CONTEST CALENDAR** - Page 7
- ▶ **NEW HF NET** - Page 5
- ▶ **ARES** - Page 6

RADIO CLUB OF TACOMA -- 1999

PRESIDENT	MICK PIER	KK7QS	847-8223
V PRESIDENT	MOREL GUYOT	W6LIX	838-5433
SECRETARY	ED ROOT	KC7OKS	851-7463
TREASURER	ROGER TERWILLIGER	WA7ANJ	475-4293
BOARD (5)	AL BURLESON	K7HW	474-9023
	WORTH GURLEY	W7WG	582-3844
	RICH MANSON	N7ANF	474-8883
	GEORGE NOBLE	KK7FM	756-1127
	FRANK PALMER	AC7JY	539-1685
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	DICK RYAN	W7RGD	627-0922
	JERRY SELIGMAN	W7BUN	845-7652
PHOTOGRAPHER			
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COMPOSITOR	KATHLEEN NACE	NØEYK	209-5624
PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350 #14060, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please contact Jill Palmer, K7JIL, (253)539-1685 or e-mail, hamtalker2@aol.com

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.28 / .88 MHz **144.97 - Packet**
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Charles Ashcraft, KD7LZS RCT #209
1208 N Monroe St
Tacoma, WA 98406-4607 253-759-163
chuck@w-link.net

Bill Waesche, KE7CG RCT #209
27013 35th Ave S
Mail to: PO Box 4577
Kent, WA 98032-9577 253-854-368
wwaesche@cl.com

Reinstatements

Mona Cree, KB7AGS
7317 124th St E
Puyallup, WA 98373-4529 253-845-958

Address/Phone Changes/Corrections

Dan McConnell, AJ7K 253-943-152

Steve DePuydt, KD7FVU
6824 150th St SW #1
Lakewood, WA 98439-2432 253-581-606

Cal Morgan, W7SFT
Pat Morgan, N7CAK Email is patcal@sosnet.ne

Robert Pensworth, KC7HIR
6628 S Lawrence St
Tacoma, WA 98409-4013 253-472-536

A J Terranova, KC7OKV
1300 N 20th St Apt I3033
Renton, WA 98056-1406 425-793-024
ajairlines@onebox.com

Ethel Devish, W7WLX
C/O Joe R Devish
5711 50th Avenue Ct E
Tacoma, WA 98443-3028

Louis Iverson, Jr., W7ENR
1835 Circle Ln SE Apt 408
Lacey, WA 98503-2576 Phone same

Mary Kelley, W7SKR
1835 Circle Ln SE Apt 407
Lacey, WA 98503-2576 Phone same

E-Mail Address Changes/Additions
New Calls/Upgrades

Silent Keys

Dennis E Field Jr, KB7NAG

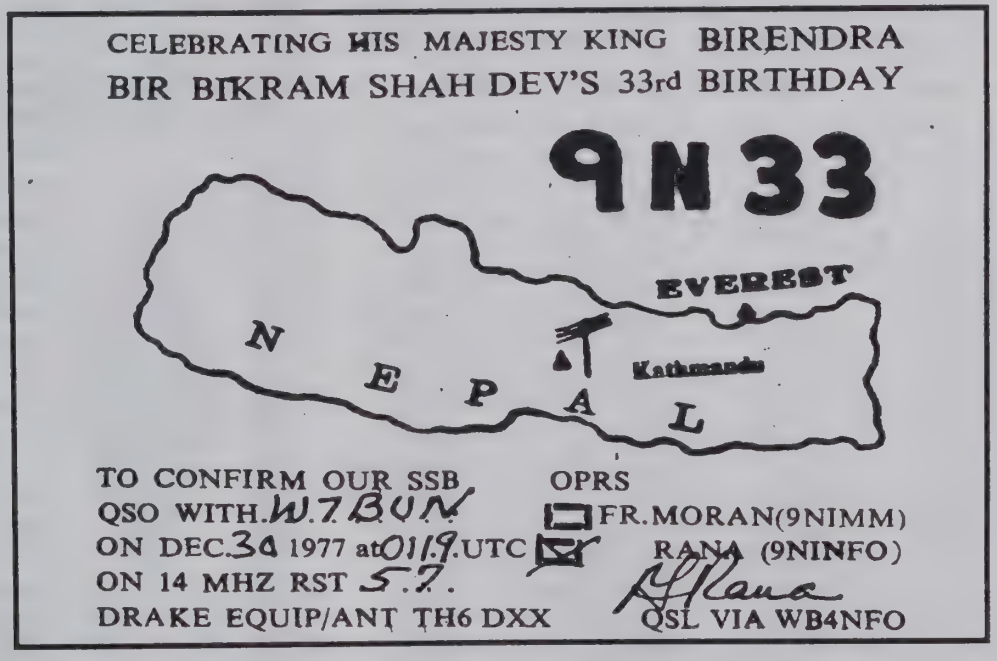


COMING PROGRAMS AT RCT

MAY 9TH - PRACTICAL WORKSHOP - Hal Stahlhut, W7EC, and Jerry Seligman, W7BUN, will demonstrate techniques to solder PL-259 connectors on different sizes of coax cable. Soldering and desoldering methods will be shown, and an introduction to the practical use of multimeters will be presented.

MAY 23RD - RACES, ARES, AND THE RADIO CLUB - Monte Simpson, W7MLS, from Bremerton, will present ideas for increased coordination of the Radio Club of Tacoma with the Amateur Radio Emergency Service (ARES) and the Radio Amateur Civil Emergency Service (RACES). Monte is the District Emergency Coordinator (DEC) for Pierce, Mason, and Kitsap counties and the Regional RACES Coordinator for South Puget Sound, and is a communicator for the Washington State Patrol. He has also been a Radio Officer for the Coast Guard Reserve for 32 years.

QSL Card of the Month





SATURDAY SWAP AND SHOP

Beginning May 26th, the club will sponsor a Swap and Shop the last Saturday of each month at the clubhouse, from 10 AM to 2 PM. Bring items to sell (and money to buy!).



TUESDAY NIGHT NET MARCH CHECK-INS

CALL	NUMBER OF CHEK-INS	NAME
W6LIX	2	MOREL
KD7AAG	2	MARK
KK7BI	1	CANDY
KJ7BN	1	MARILYN
AC7BU	4	AL
K7BUD	1	BUD
W7BUN	4	JERRY
N7BUW	1	BOB
WB7DFQ	1	MIKE
W7DON	3	DON
N7EAY	2	ALAN
W7EC	2	HAL
KC7ETS	1	JIM
KD7GOR	3	BILL
KD7GTZ	1	VERN
KD7IGY	2	WILMA
W7IMW	3	JACK
KA7IOX	4	SCOTT
N7JFM	1	JOHN
K7JIL	3	JILL
KC7JME	3	NORA
AC7JY	3	FRANK
KD7KPY	1	KEITH
AC7KQ	2	RAY
KD7KQA	2	SCOTT
NN7L	1	JASON
KD7LZS	1	CHUCK
KD7LZT	1	JOHN
KD7MBN	1	TIM
KA7MYU	1	LES
WA7OHG	1	WADE
N7OLT	1	RICK
KC7OQN	1	JOHN
KC7OQW	2	JOHN
KC7OQX	1	SUE
KB7PKJ	1	SALLY
KB7QAG	3	JEFF
N7QHW	1	SHIRLEY
N7QHX	1	TOM
N7QOZ	4	BOB
KK7QS	3	MICK
KK7QW	1	PETE
N7RHV	2	RICHARD
W7RW	2	ANDY
W7SFO	3	RYAN
W7SKI	3	BOB
KG7SM	1	BOB
KB7SVX	3	JEAN
K7TDJ	1	TOM
KK7VH	1	RICH
KC7VUM	3	LOU
KB7WDB	3	LOU
W7WG	3	WORTH
KA7WGG	1	LORRAINE
KB7YTJ	1	LORNA
WA9RMK	1	WILLARD

NET CONTROLS

MAR 6	KK7QS
MAR 13	AC7KQ
MAR 20	AC7BU
MAR 28	W7BUN

NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW TO CONTINUE RECEIVING YOUR

PINOCHLE



at the Clubhouse
1249 So. Washington
1st Saturday, May 5th
Pinochle & Potluck - 7PM
For info call:
Jack, WA7ENB, & Marilyn Moo
253-759-4898

ARRL MEMBERSHIP

If you haven't joined or re joined the ARRL, please do so through the Radio Club of Tacoma! The ARRL is the major voice for Amateur Radio in the US and, besides providing a wealth of information to its members, they provide us with a voice in Washington to help protect the interests of all amateurs. Additionally, RCT is an ARRL Special Service Club and RCT needs to have at least 51% of its members belong to the ARRL to retain its Special Service Club status. See the Treasurer for application forms, and bring your ARRL renewal notices and rejoin through the club. The club receives a commission for each new or renewed membership sent through the club.

JOIN TODAY!

See our club treasurer for details.



QST QST QST

From the W7DK Club Station

HF Net every SUNDAY 28.375 MHz USB 2000 Hrs. Local

Time sure flies when your having fun!! The 10 meter net seems to be off to a good start and I would like to thank all of you that have checked in. I have received many positive comments from the group in this endeavor and this has been a rewarding experience for me. I would like to see the net expand and to help spread the word about the Radio Club of Tacoma and attract new members to our organization. In order to provide a service to all, I would like to here from you with your input on how to better improve the net and have the club station available for all to use. I have a few things in the works to add to the station operation over the next few months. Starting on May 20th, I will be listening on 146.55 MHz and take simplex check ins to help those that can not transmit on 10 meters but who can receive. I would also like to have a code practice session at the end of the net and tentatively, Wade, W7OHG, has indicated that he would be willing to send for us. Of course, everyone is invited to come by the station and sit in or run the net any Sunday evening. If you would like to use the station at any other time, please feel free to contact me and I will do my best to have it available. If there is any member that is in need of a 10 meter only rig who would like to borrow a radio and get on the air, I do have a loner available and will assist you in getting set up. Thanks again for your support and hope to hear you Sunday evenings.

73 and please check in for additional information
Lynn Neece, KB6OKS
W7DK Station Manager
253-853-5973 KB6OKS@JUNO.COM

RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.
SIZES Small through XL ARE $39, XXL ARE $46 AND XXXL ARE $52.00.
GET ONE NOW!
Call Shirley, N7QHW, at 253-265-3661, to order yours today!

Editor's Notes

kathleen@naceplace.com



Hello from the currently rainy NW! Thought that I would have this completed before we got back, but it didn't happen.

We had a safe trip, in spite of Mother Nature! We left Mesa on March 28th for Oklahoma City and the motorhome convention. The convention was interesting and fun. It was great to catch up with "on the road" friends! After convention we attended a small rally in Guthrie, OK (www.sandplum.com/guthrie/) the territorial capital. It holds lots of history and is home to the largest Scottish Rite Masonic Temple in the world. It is a fascinating building, the interior having been designed by a husband and wife team - he did the plaster and woodwork and she the furniture, carpets, wall coverings, drapes, 396 stained glass windows, etc. For more information and pictures of this building, go to: www.mn-mason.org/okrite.html After the rally, we visited some friends in the OK panhandle town of Hooker (www.hookerok.com/). We had a great time, learning lots about farming, cattle, water and natural gas in that area. Looking forward to going back during corn harvest sometime. While we were there the surrounding area suffered severe wind and thunderstorms, and a couple of tornados. We had winds of 70 to 80 MPH. Fortunately, we were parked! We then went on to Denver and visited friends and my son. Got there right after they had a blizzard (the day we had the wind in OK, they had wind and snow!) On Easter Sunday we attended the sunrise service at Red Rocks Amphitheater (www.redrocksonline.com), outside of Denver. It was a beautiful sunrise and service. Later we attended services at the church where we were married. It was great to be back. After a week in the area, we headed north, passing by WWV-WWVB (www.bldrdoc.gov/timefreq/stations/wwvb.htm) in Fort Collins, CO. We suffered some horrendous cross winds north of Cheyenne, WY, which took away a portion of our roof mounted TV antenna and lightened the up-wind side of the coach a few times! It was a little scary and a lot of work driving that day! After arriving in Rapid City, SD, we check our mail box (it's home, you know!) and set out to enjoy 2 days off the road. We were there on Sunday, April 22, 2001, for the new record snowfall (www.crh.noaa.gov/unr/). I have a new snow shovel to prove it! After digging out of the snow, we made our way to Liberty Lake, WA for service on the rig. We arrived in Puyallup late on Friday, the 27th. It is good to be back!

There are many club activities each month. Support OUR club by participating when you can. You can make a difference! See you next month.

73, Kathleen, NØEYK

ARES/RACES

...de Shirley Murphy, N7QHW

Remember in times of need to tune into 145.37 repeater and see if anything is happening. If help is needed, please jump in with your call and volunteer to help. Don't wait for the phone to ring! Just get on the air and volunteer.

Public Service Events will be coming up soon so stay tuned for announcements of needs on the weekly net at 7:00 PM on Tuesdays on 145.37 repeater and remember, VOLUNTEER. We always need lots of volunteers so please consider helping. Remember as a member, we feel it is essential that each person participate in at least one event or drill each year.

Just received my Weather Spotter Newsletter and thought this information would be helpful to all.

Thunderstorm Season Has Arrived

Spring is here, and so is the start of our seasonal thunderstorm season. We do not have many thunderstorms when compared to other areas of the country, only about 10 per year. However, even our thunderstorms can produce large hail, damaging winds, and tornados and waterspouts.

ARE YOU READY?

Our thunderstorm season usually begins around March 1st and this year was no exception. We had several thunderstorms pop up in the north interior of western Washington that day, right on schedule. Then, on March 13th, a thunderstorm embedded in the Puget Sound convergence zone produced 3/4 inch diameter hail near Paine Field in Everett, as reported by two spotters in the area.

Washington State averages one tornado per year. We have not had a tornado reported in the last two years. However, several funnel clouds have been reported. We tend to have tornados in bunches. Remember 1997? We had a record 14 tornados in that year, crushing for the former record of four reported in the state in 1989. All of these tornados were F0 or F1's on the Fujita Scale. Many occurred on the same day.



Weak tornados, like those in 1997, are very difficult to detect on our Doppler weather radar system. Hence, Skywarn spotter reports are so very important in the effort to help protect lives and property. So, it's time to dust off your spotter field guide and brush up on your convective weather spotter skills. If you need another field guide, contact Ted or Jay at 206-526-6095, and we'll mail you a copy.

Report tornados, waterspouts, funnel clouds, rotating wall clouds as soon as you can, along with t location and direction of movement. Remember the s tinction between a funnel cloud and the more comm western Washington "scud" cloud? As emphasized i our training class, look for rotation, ROTATION, **ROTATION.**



Thunderstorms also can produce strong damaging winds, flash or urban flooding from heavy rainfall, large hail, and lightning. Remember your lightning safety rules. Lightning is dangerous. Washington averages one lightning related death every two years, and several injuries each year. If you can hear thunder, you're close enough to be struck by lightning.

Report pea-sized or larger hail with any damage if noted. Also report heavy rainfall of least one-half inch in an hour or less. If you see floodi of any kind and/or winds of at least 40 MPH, give us a call.

Your spotter reports are a key element in the e fort to protect lives and property. Keep an eye to the s when you learn of a threat of thunderstorms via NOAA Weather Radio, our web site, or from local media.

Please check your Department of Emergency Management (DEM) card to be sure it has not expired. your card expires anytime between now and the end o the year 2001, fill out a new application and turn it into Shirley Murphy, N7QHW for processing. PLEASE take note that if your DEM card has expired and there is not a current card on file in the DEM office, you HAVE BEEN REMOVED from the list of volunteers. To be eligible again, you simply need to fill out a DEM application. Be sure to turn them in to Shirley, N7QHW, so that all of our records are up to date.



Do you want to get involved? Simply contact Alan Hughes, KB7SVU, at 253-840-4947 and let him know.

73 Shirley, N7QHW



AREA SWAP MEETS

12 May 2001 Stanwood, WA
Stanwood-Camano ARC
Contact: John McCann, N7MZ
27312 56th Avenue NW
Stanwood, WA 98292
Phone: 360-629-2921
Email: huppert@whidbey.net

1-3 Jun 2001 Seaside, OR
Northwestern Division Convention
Oregon Tualatin Valley ARC
http://www.seapac.org
Contact: Randy Stimson, KZ7T
9890 SW Inglewood Street
Portland, OR 97225
Phone: 503-297-1175

W7DK Flea Market

SCHEDULE YOUR SWAPMEET VISIT

ARRL RCT VE Team Report

In February and March, we tested 11 persons during our VE Team testing sessions. O the 11 people, 8 people either upgraded their license or achieved a new license. Of the remaining 3 people, 1 passed an exam and did not upgrade and the remaining 2 people were not successful in their attempt to upgrade or achieve a new license.

Congratulations to Radio Club of Tacoma members who upgraded:

- Bill Jonez, KD7GOR upgraded to Extra Class.
- Dick Giguere, KA7FXQ upgraded to Extra Class.

Congratulations to Radio Club of Tacoma members who are well on their way to the next license class:

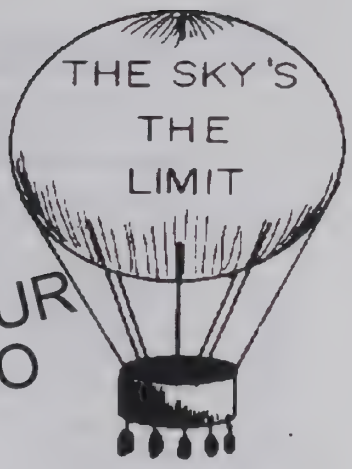
- Scott A Clausen, KD7KQA, passed written Extra Exam.

Congratulations to all and stay tuned for further exam testing results in the future.
73, Shirley, N7QHW
Radio Club of Tacoma VE Team Liaison

ADDRESS CHANGES

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to Shirley, N7QHW, @ 253-265-3661.

MAY CONTESTS



5-6
MARAC County Hunters Contest, CW
ARI International DX Contest
Danish SSTV Contest
Indiana QSO Party
Connecticut QSO Party
Massachusetts QSO Party
Ten-Ten International Net Spring CW QSO Party
VHF/UHF Spring Sprint, 902 MHz/1296 MHz/2304 MHz.

12-13
CQ-M International DX Contest
Fists CW Club Spring Sprint
Nevada QSO Party
Oregon QSO Party
VHF/UHF Spring Sprint, 50 MHz.

26-28
CQ WW WPX Contest, CW
ARCI QRP Hoot Owl Sprint, CW
Memorial Day CW Sprint



June 23-24
Field Day!!!

Want more info, check
www.arrl.org/contests

Radio Club of Tacoma License Exams

MAY 8, 2001
JUNE 12, 2001
7 PM RCT Clubhouse
1249 S Washington in Tacoma
Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.65. For information call: Shirley Murphy, N7QHW @ 253-265-3661
Fee as of Jan. 2001 – $10

◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet.

KENTUCKY STUDENTS CHAT WITH JIM VOSS ABOARD ISS

Youngsters at the Woodford County Middle School in Versailles, Kentucky, showed up for school during their spring break to ask questions of astronaut Jim Voss aboard the International Space Station. The contact April 9 was scheduled through the Amateur Radio on the International Space Station, or ARISS, program. Voss used the space station's NA1SS call sign.

Voss' first outing on Amateur Radio from space as part of the ISS Expedition 2 crew got off to a shaky start because of difficult copy on Voss's part. A solid contact for the southern hemisphere pass via Tony Hutchison, VK5ZAI, in Australia, eventually was established as precious seconds ticked by. As a result, only eight students got to ask their questions. Students were networked--or telebridged--with Hutchison via a World-Com telephone connection for the ARISS contact.

During the question-and-answer session, one student asked about research projects. "We've conducted a lot of experiments in space over time," Voss said. "We grow crystals in space that help us to better understand the structure of crystals." He said this research might have applications in developing pharmaceuticals and other products. "We do a lot of things we can't do on Earth by using the microgravity of space," he said, explaining that eliminating gravity makes research a lot easier.

Food is a favorite question topic, and the Woodford students were no exception in posing one on the subject. Voss said that half of the crew's meals are Russian cuisine, the other half American. Voss signed off by urging the students to work hard in school and to do their best.

"I think everybody enjoyed it," said the Woodford County Amateur Radio Club's Steve McFadden, KA4TJD, following the contact. "It's been a learning experience for all of us."

HOPEFUL SPACE TOURIST TITO IS NOW KG6FZX

Wealthy US businessman Dennis Tito, who hopes to be the first space tourist aboard the International Space Station, now is an Amateur Radio operator. Tito, 60, has been in Russia training to go into space.

Last weekend a volunteer examination session was set up for Tito in Russia and he passed the Technician exam. The FCC issued Tito the call sign KG6FZX April 11. It's not clear at this point how Tito plans to use Amateur Radio aboard the ISS.

Press accounts say Russia has given Tito the go ahead to visit the ISS as part of a three-man team that will blast off April 28 on a 10-day mission. Tito reportedly is paying the cash-strapped Russian space program some $20 million for the privilege of being the first spa tourist. Accompanying Tito into space will be Talgat Musabayev as team commander, and Yuri Baturin as board engineer. Tito reportedly will handle communica tions systems during the flight.



Tito, the founder of a California investment firm, studied aerospace engineering in college and later worked for five years at NASA's Jet Propulsion Lab. He told a news conference that he's excited about the prospect of going into space and he's looking forward to the experience. Tito had hoped to visit the Russian Mir space station, but those plans had to be scrapped when the Russians decided that it was time to deorbit the aged spacecraft.

The prospect of Tito's visit aboard the ISS h generated some tension between the US and Russian space agencies. NASA chief Dan Goldin has suggest that Tito's planned visit this month would be a disru tion to the Expedition 2 crew during a complex mis sion. Russia's space agency director general Yu Koptev said the mission will go forward. He saic Russia does not need permission from its interr tional partners to fly specific individuals to the space station.

ARRL HQ STAFFER CHUCK HUTCHINSON, K8CH RETIRES

ARRL Headquarters staff member Chuck Hu chinson, K8CH, has retired. Hutchinson, 60, began his League career in 1981 as a technical editor. He serve as Membership Services Manager from 1991 until 199 when, for medical reasons, he moved into a part-time e torial role. Hutchinson has been working from his home Michigan for the past several months.

"Our community is indebted to Chuck for the contributions he made to both the technical and the op ating sides of Amateur Radio during his 20-year career with the ARRL," said ARRL Executive Vice President David Sumner, K1ZZ, who's known Hutchinson for ma years.

A long-time SWL and a ham since his late te age years, Hutchinson was first licensed as KN8UDJ in 1960. He says the first thing he did after getting license -even before buying equipment--was to join ARRL. He' now a Life Member.

Hutchinson said short-wave listening and ham radio were major influences on his educational and wor careers. Before coming to ARRL, Hutchinson worked a a studio engineer for international short-wave broadcaster HCJB in Quito, Ecuador, in the mid 1970s. He says Amateur Radio legend Doug DeMaw, W1FB, inter viewed him for his first job at ARRL.

Hutchinson's first major project at HQ was edi ing the 1985 Handbook. As manager of the Membershi Services Department, he oversaw the early transition from paper to computerized DXCC records. He also rec ganized contest rules into the present format and was responsible for reinvigorating the A-1 Operator's Club. Hutchinson also contributed dozens of columns and arti

cles for QST.

Hutchinson says he and his wife, Sylvia, K8SYL--whom he married in 1961--now are enjoying their new home on a hill in Michigan's Ionia County, where both are active in the local ARES organization. The couple has two sons, including Scott, N1DSF, who serves in the US Air Force.

"It's been very satisfying to work for ARRL," Hutchinson said. "I'm looking forward to a continuing relationship as I work on special projects." One of those "special projects" will be a book on his favorite subject--antennas.

QRP PEDESTRIAN-TO-PEDESTRIAN RECORD TRUMPED

Amateurs in Greece and New Zealand have raised the bar for the longest low-power pedestrian-to-pedestrian contact. On February 28, Max Pompe, ZL1BK, worked Demetre Valaris, SV1UY, over a distance of more than 17,500 miles long-path. Both operators carried compact, portable low-power transceivers and portable antennas. Valaris credited the sun with providing good propagation conditions. When contact was established February 28 at 0625 UTC on 20-meter CW and later on SSB, ZL1BK was hiking in a park near his home in Auckland, New Zealand, while Valaris was hiking on Mt Ymittos in Greece. Both were running Yaesu FT-817s at 5 W. SV1UY used a 2-meter-tall center-loaded whip, while ZL1BK used a hand-held 5-meter long center-loaded dipole. Both operators are members of a group of backpack radio enthusiasts called "HFpack." For more information on HFpack, visit http://groups.yahoo.com/group/hfpack/. Visit SV1UY's Web site, http://www.athnet.ampr.org/~sv1uy .

FCC TURNS AWAY RESTRUCTURING PETITIONS FOR RECONSIDERATION

The FCC has declined to make any significant changes to the way it implemented Amateur Radio "restructuring" last April. The Commission has turned down several requests for changes in the Amateur Service rules contained in five petitions for partial reconsideration of its Report and Order WT Docket 98-143, released December 30, 1999. The ARRL was among the petitioners.

In a Memorandum Opinion and Order released April 6, the FCC by and large denied all petitions for changes to its restructuring Order--although it did claim to grant one ARRL request--and it made some minor housekeeping changes to the amateur rules.

Among the issues was a request from the ARRL and other petitioners that the FCC continue to maintain records that indicate whether a Technician licensee has Morse code element credit. The FCC noted that its current Universal Licensing System software was modified to display a "P" (for Plus) in the field that indicates former license class when a Technician Plus class license is renewed. "This capability results in the amateur service database being able to provide a de facto Technician Plus licensee database," the FCC asserted in its MO&O. The FCC did not address how its database will distinguish current Technician licensees who subsequently earn Morse code (Element 1) credit. Those licensees have only a Certificate of Completion of Examination (CSCE), which will never be reflected in the database, even upon license renewal.

The FCC also decided to not extend Element 1 credit to all past licensees who had ever earned it--something else the ARRL had asked for. Under current rules, the holder of an expired Novice or a pre-February 14, 1991, Technician license can get Element 1 credit. The FCC said that "most examinees" who ever held a General, Advanced or Amateur Extra ticket also once held a Novice or a pre-February 14, 1991, Technician ticket that grants Element 1 credit.

Left out in the cold by the FCC's decision is anyone who went directly to Conditional or General class without ever holding a Novice ticket. The FCC also declined to extend permanent credit to Element 1 CSCEs held by Technicians to obtain HF privileges. These CSCEs are good for 365 days for upgrading purposes but confer only additional operating privileges for Technicians beyond that time.

The FCC refused to reinstate the 20 WPM Morse code exam for Extra. The FCC said that since restructuring went into effect nearly a year ago, "there does not appear to be any decline in the proper operation of amateur stations." The FCC also declined to ban the practice of allowing applicants to retake a failed examination element at a single test session simply by paying a second fee to the VE team. And the Commission did not go along with requests to set the total number of questions at 50 for the Technician and General class test and at 100 for the Amateur Extra test.

The FCC also declined to make any changes--at least for now--in the arrangement of mode-related Amateur Radio subbands, as some petitioners had requested. The FCC said it believed it should let the amateur community "reach a consensus regarding a comprehensive restructuring of operating privileges for all licensees" before making any changes.

Also denied were requests to: institute a new entry-level Communicator license class in the Amateur Service; elevate former "Class A" operators licensed prior to 1951 to Amateur Extra, instead of leaving them at Advanced class; give Element 4 exam credit to examinees who'd held a Conditional, General or Advanced ticket before November 22, 1968--when "incentive licensing" became effective.

The FCC MO&O is available at http://www.arrl.org/announce/regulatory/wt98-143-recon.pdf .

CLASSROOM VERSION OF EMERGENCY COMMUNICATIONS COURSE OPENS

The "classroom version" of the ARRL Amateur Radio Emergency Communications Course--Level I--now is available. Effective Monday, April 9, qualified Certification Instructors and Certification Examiners ONLY will have the opportunity to offer the classroom version of the ARRL Level I Amateur Radio Emergency Communications Course and/or the Certification Examinations in their local areas. Those wishing to take the course should contact their ARRL Section Manager and/or Section Emergency Coordinator. Those wishing to present the class

and/or the examination session must meet the requirements stated at http://www.arrl.org/cce/admin-criteria.html and fill out the Activity Application at http://www.arrl.org/cce/activity.html. Applications will be accepted starting April 9. Classroom course registration fee is $50 for non-ARRL members, and $20 for ARRL members. Those wishing to take only the Certification Examinations (on the basis of their experience, rather than taking the course) will pay an exam administration fee of $5. Course manuals are $10. Manuals must be ordered in advance and are currently not available except through the ARRL Certification and Continuing Education Program. New courses are expected to be offered later this year. Address questions to cce@arrl.org.

HOLLINGSWORTH HEAPS PRAISE ON OFFICIAL OBSERVERS

FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth this week offered high praise for the work of the volunteer ARRL Amateur Auxiliary's corps of Official Observers. Long a strong supporter of the OOs, Hollingsworth's most recent burst of appreciation was inspired by investigative footwork done by an OO team that's assisting the FCC in an enforcement inquiry.

"It makes me realize that if it weren't for the OOs over the past 10 years, Amateur Radio would probably have imploded long ago and disintegrated from its own chaos," Hollingsworth said. "We really thank them very much for their work here."

The Amateur Auxiliary is composed of approximately 700 ARRL Official Observer volunteer appointees across the US. The program was developed as a result of a formal agreement between the FCC and the ARRL.

OOs function as helpers and advisors, not enforcers. They monitor the bands and notify amateurs of technical and operating discrepancies as a service. In cases involving serious rule violations such as malicious interference, however, they are trained and certified to gather and forward evidence that can be used by the FCC in enforcement actions. All OOs must pass a comprehensive examination before they can be certified as members of the Amateur Auxiliary.

In recent months, Hollingsworth's office has been attempting to make greater use of the Amateur Auxiliary in tackling enforcement issues. He says the Official Observer program offers a way for amateurs to solve their own problems internally, without bringing in the FCC, but he notes that OOs often can provide valuable local perspective during enforcement inquiries.

"It's this type of devotion of personal time to Amateur Radio and to helping us that gives me enough adrenaline to last for months," Hollingsworth said.

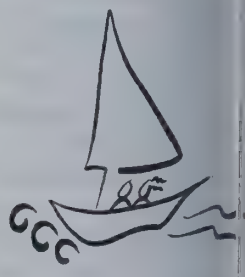
The bottom line, according to Hollingsworth, is protecting the future of Amateur Radio for those who enjoy it. "Radio spectrum has extremely high visibility, and every time an operator gets on and degrades the bands, that operator is not only making Amateur Radio less enjoyable but endangering it as well."

For more information on the Amateur Auxiliary program, visit the ARRL Web site, http://www.arrl.org/FandES/field/org/am_aux.html.

TRINIDAD HAM PROVIDES NEW DETAILS OF PIRA SHOOTING

A Swedish sailboat skipper, shot when pirate accosted his vessel March 20 off the coast of Venezue remains hospitalized in Trinidad. The victim has been identified as Bo Altheden, SM7XBH, of Bjärred, Swede Hams on the Maritime Mobile Service Net assisted Alt den and his wife, ViVi-Maj Miren, after Miren put out a for help on 20 meters.

One of the hams who assisted in coordinatin the rescue, Eric Mackie, 9Z4CP, of Trinidad, met late last week with Miren aboard the couple's vessel in Trinidad and was able to learn additional details about what happened. According to what Miren told Mackie, the couple was en route to Trinidad and Tobago and having lunch around 12:30 PM Atlantic Standard Time when their 44-foot-ketch Lorna was approached by six men in a fishing boat. "The vessel approached from be hind, pulled alongside and Bo went out on deck to see what they wanted," Mackie related. "They asked for cig rettes, and Bo said they did not smoke."



Sensing trouble, Altheden started back towa the helm with the intention of pulling away from the oth vessel--a fishing boat. But as he turned away, the intru ers shot him once in the back. Miren told Mackie that t bullet wound caused considerable internal damage an bleeding. At that point, the pirates boarded the Lorna a helped themselves to what was on board.

According to Mackie, the pirates' booty amounted to less than $20 in cash and a few miscellan ous items. Before leaving, the pirates destroyed two V radios but missed the HF radio--an SGC SG-2020. Mir fired up the transceiver and found her way to 20 meter where she located the Maritime Mobile Service Net on 14.300 MHz. Her calls for help eventually were heard, though some on frequency later said they'd worried tha her pleas might be overlooked. Mackie and others brol in to alert the Net to her calls--made nearly three hours after the shooting.

Mackie also was able to contact the Trinidad and Tobago Coast Guard, which came on frequency to speak with the Lorna directly, he said. As it worked out vessels from the Venezuelan Navy and the Trinidadian Coast Guard arrived on scene at approximately the sa time. While a medical team from Trinidad was able to board the Lorna, it was decided to wait until the vessel was in calmer waters before attempting to transfer Alth den to the Coast Guard vessel. Altheden remains in cr cal, but stable, condition at St Clair Medical Center, a p vate hospital set up to deal with trauma cases.

The shooting was an eerie reminder of a sim pirate attack one year ago in the Caribbean. In that inc dent, March 28, 2000, armed marauders shot young W lem van Tuijl from The Netherlands, who was sailing w his parents at the time.

FCC PROPOSES LOWER AMATEUR RADIO VANITY FEE

The FCC is proposing to lower the fee to obtain or renew an Amateur Radio vanity call sign from $14 to $12. The new fee, if approved, likely would go into effect sometime in September.

The proposed lower fee was contained in an FCC Notice of Proposed Rulemaking for the Assessment and Collection of Regulatory Fees for FY 2001 (MD Docket No. 01-76), released March 29. The FCC said it estimates 8000 applicants will apply for vanity call signs in the current fiscal year.

Applicants for Amateur Radio vanity call signs will continue to pay the $14 fee for the 10-year license term until the FY 2001 fee schedule becomes effective. The effective date for the new FCC fee schedule will be announced later this year in a Report and Order or by a Public Notice published in the Federal Register.

Comments in the fee proceeding are due by April 27; reply comments must be received by May 7, 2001. Comments filed through the FCC's Electronic Comment Filing System can be sent via the FCC Web site, http://www.fcc.gov/e-file/ecfs.html. Generally, only one copy of an electronic submission must be filed.

FCC ISSUES $17,000 FINE FOR UNLICENSED OPERATION ON HAM BANDS

The FCC has proposed levying a $17,000 fine on an East Palo Alto, California, man for transmitting without a license on amateur frequencies and for transmitting a false distress signal. The FCC issued a Notice of Apparent Liability for Forfeiture March 19 in the case of Joshie Yasin-Nakamura Sr, who also is known as "Mervyn Ehambrave" and sometimes as "Marvin E. Barnes."



As Ehambrave, Nakamura was among those receiving an FCC Warning Notice in March 1999 for allegedly operating without a license on the K7IJ repeater system in the San Francisco Bay area. At the time, the FCC shut down the repeater system for more than two months, saying that the repeater's owner and control operator did not have proper control of the system and that the control operator was permitting unlicensed individuals to transmit via the machines.

Following up on amateur community and Official Observer complaints that an unlicensed station was causing intentional interference and playing music, agents from the FCC's San Francisco Field Office on two occasions last year tracked the signals to Nakamura's residence. Signals were heard on both 2 meters and 70 cm. On one occasion, FCC officials monitored the international "SOS" distress signal being transmitted in Morse code. Station inspections revealed that Nakamura was operating without authorization, and he was presented with a Notice of Unlicensed Radio Operation, the FCC said.

The FCC determined that its guidelines call for a $10,000 fine for unlicensed operation and another $7000 forfeiture for causing malicious interference. The FCC gave Nakamura 30 days to pay up or to seek reduction or cancellation of the proposed fine.

CERTIFICATION AND CONTINUING EDUCATION FORUM GETS FACELIFT

The ARRL Certification and Continuing Education Program On-line Forum (http://www.arrl.org/members-only/forums/w-agora.php3) has a new look! During its first year, ARRL members used this valuable tool to make comments, share viewpoints, and pick the topic for the Certification Program pilot project. Through your input, we determined that emergency communications was your first choice for on-line and classroom training. With the first on-line course up and running and soon to debut in a classroom near you, it is time to move forward. New topics have been added, so browse through the forum topics and add your ideas and comments. Your input will shape the future of this program.

EDWARD R. DOUBEK, N9RF, SK

ARRL Technical Advisor Ed Doubek, N9RF, of Naperville, Illinois, died March 19 at his home. He was 67 and had been in failing health. An ARRL Life Member, Doubek had served as a TA for 10 years and remained active in that capacity until his death, helping his fellow amateurs to resolve problems with interference as well as answering questions about digital topics, antennas, linear amplifiers and transceivers. Doubek also regularly reviewed and supplied feedback for some ARRL publications, including The ARRL Handbook for Radio Amateurs. A private service was held.

OUTGOING QSL SERVICE REPORTS HIGH CARD VOLUME

The volume of QSL cards coming in from members for processing via the ARRL Outgoing QSL Service has been very high. Currently there is a processing delay of approximately 10 days. As of March 23, the Service had handled 415,000 cards this year. This includes cards going to US Incoming QSL Bureaus and cards sorted and mailed by contractor. Nearly 37,000 QSL cards were shipped this week.



MEETING MINUTES

Radio Club of Tacoma
General Meeting
28 March 2001

Meeting started at 7:30 PM, with the flag salute led by Mick, KK7QS. Introductions were made around room. A new ham, Chuck Ashcroft, KD7LZS, was present.

Health and Welfare: Wade Palmer, WA7OHG, took a tumble and is bruised but doing O.K.

Correspondence: Bills, statements, newsletters, address corrections, and renewals.

Treasurer: Doing well. The report is in the Bark.

Announcements: President Mick Pier, KK7QS, thanked all the people who helped last Saturday getting the batteries moved to their permanent location and in pulling the wires so the repeaters could be hooked up to the additional source of emergency power.

It is planned to set the last Saturday of each month as a mini flea market at the clubhouse. Plan ahead and bring your treasurers.

"BARK" party at the clubhouse tomorrow. Come out and help.

Jerry, W7BUN, announced a new General class for the end of April, and a Technician class for May 5 and 6. If interested, make sure to get signed up.

Field Day is coming up at the end of June. We need people to sign up for bands. We also need shelters.

Coming programs: The next meeting, April 11, is about the Emergency Alert System. The April 25 program will discuss the new digital modes.

Tonight's Program: DXpedition to Bhutan. A professionally made video covers some of the challenges in getting to Bhutan, the friendliness of the people, the helpfulness of the government, and the beauty and history of the country.

Tuning and Traffic: Mick reported a 2 meter contact with London. It was using the internet and ham radio.

Door Prize Drawings: Winners of gift certificates were, Chuck, KC7UFR; Ed, KC7OKS; Morel, W6LIX. The Grand Prize, a 2 meter HT was won by Jean, KB7SVX.

Good of the Order: Rob, WB7QCS, needs some help climbing a tree to trim some limbs.

Sunshine person Jill, K7JIL, needs us to notify her of anyone who needs a card and a little sunshine.

Worth, W7WG, announced that his blue bag that was missing from the clubhouse showed up.

Late Announcement: Bud, K7BUD, told us that W7DK at the Beach will be June 10th. Fun and real New York hot dogs.

Most Interesting Contact: Worth, W7WG, reported that, after losing track of a boyhood friend and fellow teen ham for 52 years, he made contact with him on the radio. That friend is now fellow club member, Mac, W6NBD.

Attendance: 32 signed in. Adjourned at 8:55 PM.

TREASURER'S REPORT

de Roger, KA7ANJ

INCOME:	
COFFEE	$30.00
FIELD DAY	$20.92
DUES	$675.00
TOTAL INCOME	$752.92
EXPENSES:	
CLASSES	$20.34
EVENTS	$110.00
MISC	$234.15
OFFICE	$45.70
POSTAGE	$7.10
RADIO STA	$27.00
1/2 TAXES	$757.84
PHONE	$62.07
UTILITIES	$385.00
TOTAL EXPENSES	$1649.20

MARCH 2001 NET: -($923.28) LOSS

SUSPENSE FUND:	
INCOME	
ARRL	$150.00
BADGES	$27.00
B00KS	$459.00
TOTAL	$636.00
EXPENSES	
ARRL	$146.00
BADGES	$107.00
BOOKS	$197.45
TOTAL	$450.45

NET: $185.55 GAIN

Radio Club of Tacoma
General Meeting
11 April 2001

Meeting opened at 7:35 PM. The flag salute was led by Roger, WA7ANJ. Introductions were made around the room.

Health and Welfare: Phil, G4UFH, has had several heart attacks. He is at his home in Great Britain. Wade, WA7OHG, is still down from his fall. Bill, KD7GOR, had eye surgery today, and his wife is doing better after her return to the hospital.

Correspondence: One renewal, a statement, several address corrections, and a mailers info pamphlet.

Treasurer's Report: In the BARK and more detailed.

Committee Reports:

Library: Chris, KF6SNJ, reported that he would not be able to work on the library this Saturday.

Training: A Technician class will be held May 5 and 6. We are expecting a full class so if you are interested get signed up early. A General class will begin April 30. It

almost full now.

Flea Market: Moving ahead with several new ideas. CAP will help again this year with security. Still need help. Contact Roger, WA7ANJ.

Field Day: Need operators, and help. Contact Jerry, W7BUN.

Anniversary Special Event Station: Plans going ahead.

Tonight's Program: The Emergency Alert System. Presented by Clay Freinwald, K7CR. He was assisted by Clay from the SNOPAC 911 center in Snohomish County.

Drawings: Winners of a $10 cash prize were: Frank, AC7JY, Ed, KC7OKS, and Mick, KK7QS. Note, Mick offered to turn his back in, put the body insisted that he keep it.

Adjournment was then called for and we did at 9:44 PM. 21 people signed the attendance sheet.

ELMER TODAY
VOLUNTEER!

SPECIAL SERVICE CLUB

MUSEUM MUSINGS

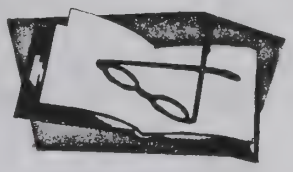
In the Doc Clifford Spike Memorial Radio Museum contacts were made by Morel, W6LIX with the "Old Oak Rig" (probably constructed in 1930's) both on CW and on AM. Morel took the RF section home and cleaned up the wiring, adding an RF choke, and other minor circuit changes to conform more closely with circuitry for the '59 crystal oscillator which he found in an old "Radio" Handbook of that era. With a crystal the signal barely had a chirp. Since he had only the one frequency he had to call CQ and had a nice 20 meter CW contact. He switched to AM using a phone band crystal, called CQ and had a nice report from a VE5 in the Canadian mid west. We also called up Hal and Al locally to test our signals.

Then, Al Churchill , AC7BU, spent much time and effort installing the proper programs into the older computer and connecting up the proper wires and cables to one of the donated rigs on the main floor to operate PSK 31 digital mode on 15 meters. Moving the rig and computer into the alcove Al made a couple nice PSK 31 keyboard to keyboard contacts. We now are getting more modern with our old donated equipment. We truly are "going back into the future" downstairs while it is "forward into the past" upstairs in the museum!

Then a funny thing happened on the way to the Board meeting over a month ago. It should have happened early in April. It is the mystery of the missing blue bag containing Worth's Alinco DJ-580T and auxiliary rechargeable battery, cables, and instruction book. It involved a possible angel and strong R.F. fields in April. More details later.....

Amateur Radio Exams

in the Puget Sound Region as of February 2001



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

2nd Tuesday - 7:00 PM - Radio Club of* Tacoma *Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Bill Thompson, K7OLY, Tumwater, 360-236-9048

2nd Saturday - 10 AM - **Tukwila** - Telephone Wireless Pioneer's Museum, 7000 W. Marginal Way, Contact Mary Lewis, W7QGP, 206-523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 Tobin Street - Contact Jan VanAllen, K7YH, in Kent, at 206-824-9039.

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

3rd Saturday - 10 AM - **Shelton** - Shelton Airport - Contact - Dick Bostrom, N7LD, 360-426-4627, Shelton

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Bill Thompson, K7OLY, Tumwater, 360-236-9048

4th Saturday - 10 AM - **Everett** - Everett Housing Authority - 14th and Popular - Contact Loren Hole, KK7M, 425-335-5158, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Walt Winters, AA7TL, 360-692-8326, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - 253-845-7652



ON THE WEB www.w7dk.org Come see us!

NEWS FROM OUR SAILING HAMS ABOARD 'RAVEN'!



Hello from Jan K7JT and Signe W3IIJ aboard 'Raven'

We've been cruising on the west coast of Mexico all winter, and thought you might be interested in some of our experiences. Ham radio is essential to sailboat cruising these days, for lots of reasons.

Email via the Winlink 2000 system has made a nothing-short-of-miraculous change for cruisers, because we can send and receive emails no matter where we are -- free! The ham nets like the Chubasco and Amigo Nets are the chief method for most cruisers to receive essential weather information. The hams who run those nets have wonderful sources of accurate weather info, often provided by hams or other volunteers. Beside that, the nets provide phone patches to many of us.

If you'd like to hear more about what we've been doing, go to our website at <www.ravencruise.com> There's information on Raven, ourselves, our cruises to Alaska and Mexico, plus many digital photos and videos. The links called 'Latest Update' and 'Where Are They Now?' are probably most interesting to you. The first takes you to the latest page in our log, which always has lots of photos and a few short videos about the cruising life.

The 'Where Are They Now?' link uses the ham APRS system and takes you directly to a page with four maps showing Raven's exact location, labeled 'K7JT'. Every time we use Winlink, the software automatically uploads to APRS our latitude and longitude, from the GPS linked to the laptop via a COM port. This lets our family and friends keep track of us at all times. It'll be especially useful next year about this time, when we should be on the 2,800-mile bluewater passage from Puerto Vallarta to French Polynesia.

Feel free to send us an email if you want. Just use the link in the website to <webmaster@ravencruise.com>

73 . . . Jan K7JT and Signe W3IIJ

PS: Yes, both are vanity call signs. Signe's actually belonged to her father, back in Pennsylvania.

ELMER BOARD

Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members area their areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment

Name/Call Sign	Phone Number	Help with top
Jerry, W7BUN	253-845-7652	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Frank, AB7YZ	253-752-8520	2,3
Roger, WA7ANJ	253-475-4293	1,2,3,4,7,8,1

If you are willing to share your time and knowledge th "newbees" and others, let us know and get on the board!

(Ed. Note – We need more volunteers on th elmer board. Please add your name to the list!)



THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma, WA 98411

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RETURN SERVICE REQUESTED

COMING EVENTS

JUN 1-3 - SEAPAC, Seaside, OR

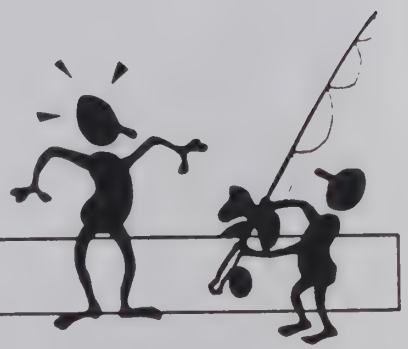
JUN 6 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

JUN 9 - Pinochle Potluck - 7PM at the Clubhouse Last one til Sept.

JUN 10 - W7DK at the Beach—Owens Beach

JUN 12 - License Exams - 7 PM - Clubhouse

JUN 13 - Club Meeting - Library Administration Center, 7:30 PM
Program: **FINAL PLANS FOR FIELD DAY**



JUN 15 - BARK deadline

JUN 27 - Club Meeting - Library Administration Center, 7:30 PM
Program: **WHAT MAKES YOUR COMPUTER WORK** - Dave Funk, WA7RSO

JUN 30 - Swap and Shop - 10 AM to 2 PM, Clubhouse

- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- **See page 3 for meeting program schedule.** Check the weekly net for updates to the program schedule.

HAPPY FATHER'S DAY!

W7DK Events

June 2001

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1 • ROY WA7UZL	2 9 00 OPEN HOUSE 7 00 PM PINOCHLE POTLUCK
3	4 • DIANA WA7BLF	5 7 30 PM RCT NET 147 28R 7 00 PM ARES NET 145 37R	6 7 30 PM RCT BOARD MTG	7	8	9 • AL KA7BIY 9 00 OPEN HOUSE
10 • GARFIELD KC7LZL	11	12 • DAVID N7WGM 7 00 PM RCT LICENSE EXAMS 7 30 PM RCT NET 147 28R 7 00 PM ARES NET 145 37R	13 • ANGELA KC7EQ 7 30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH & WALLER RD	14 Flag Day • BOB KC7HIR • THOMAS N7QHX • WILLIAM KD7GOR	15 BARK DEADLINE IS THE 15TH!	16 9 30 FIELD DAY SETUP PRACTICE (TIME APPROXIMATE) 9 00 OPEN HOUSE
17 FATHER'S DAY • MARY KC7SYW	18	19 • JOHN KC7ZQY 7 00 PM MVMS LICENSE EXAMS 7 30 PM RCT NET 147 28R 7 00 PM ARES NET 145 37R	20 • BEN K6VBC • ROBERT KC7ZLH	21 • ROGER K8RN	22 12 00 FIELD DAY SETUP AT SITE	23 • WILLIAM KB7WYO • MARK KC7AFO 9 00 OPEN HOUSE  FIELD DAY
24 • SHIRLEY N7QHW  FIELD DAY	25 • GRACE AD7S • LOU KC7VUM	26 7 30 PM RCT NET 147 28R 7 00 PM ARES NET 145 37R	27 • NORM K7DCN 7 30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH & WALLER RD	28 • RANDY N7HNX • MIKE KC7UFV • DEL KD7HYU	29	30 • CAL W7SFT 9 00 OPEN HOUSE

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

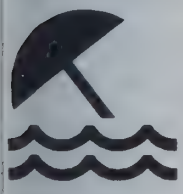
SPECIAL SERVICE CLUB

VOL. XXXVIII NR. 6 | W7DK | JUNE 2001

FROM THE PRESIDENT

Mick, KK7QS

Hello. Once again it is time to update you on what he Club is doing, and where we are with our projects. It is ow June. We should have the garage roof replaced by ow. If not, it will be done soon. We also will have to re- lace the beam antenna. As you may have heard, one of he elements fell from the 15 meter portion and went hrough the garage roof again. It hit the roof about 2 feet rom where the last element hit. Alan Hughs and I climbed he tower Saturday May 12th to replace the pigtail on the epeater antenna. While we were up there, we noticed hat one other element looked as if it would fall soon. I hink it is on the 10 meter portion. We see the need to get t down as soon as possible. Even if we don't have a re- lacement immediately, we are concerned about the li- ability. If one of the elements fell and hit someone, the liability could be more than we could handle. DOWN IT COMES! (By choice, before it's by accident).



Don't forget about "W7DK At The Beach". It will be Sunday, June 10th beginning at 11:00 AM. We are looking forward to having lots of fun. This year we will be featuring real "New York" hot dogs". Don't ask me what the difference is. I don't know. I guess you will just have to come and taste for yourself! Thanks to Bud, K7BUD, the chairman of the committee that made all the arrangements with the park and set up the picnic. It will be at Owen Beach at Point Defiance Park. If you attended last year you already know where it is. The picnic is a pot luck. The radio club will provide the hot dogs and the soda pop. Bring your favorite dish to share.

The club officers and Board of Directors have been working to get the structure of the organization back in shape. We are forming the necessary committees to get the job done. We are working to get a fund raising committee in place. We have been working on the Standing Committees and have been making quite a bit of progress. Standing committees are those committees that the club's by-laws require us to maintain. They are Membership, Public Relations, Scholarship, and Emergency Operations. Our Membership Committee is now chaired by Scott Clausen, KD7KQA, Public Relations is lead by Frank Palmer, AC7JY, Scholarship by Rich Manson, N7ANF. Our Emergency Operations Committee still needs a chairman. I think we will have it filled soon. If you are interested, please call me at 253-847-8223.

I hope you are enjoying the summer. So far it looks like a pretty wet drought we are having! Hopefully it will dry up and give us a warm and sunny season.

73 till next month.

Mick, KK7QS

P.S. I have several name badges to be collected by their owners. If you have ordered a badge and have not received it yet, you can pick it up at the clubhouse on Saturdays or at any regular Club meeting.



IN THIS ISSUE...

- ▶ **COMING RCT PROGRAMS** - Page 3
- ▶ **ARRL NEWS** - Page 8
- ▶ **CONTEST CALENDAR** - Page 7
- ▶ MUSEUM MUSINGS - Page 14
- ▶ **ARES** - Page 12

RADIO CLUB OF TACOMA -- 1999

PRESIDENT	MICK PIER	KK7QS	847-8223
V PRESIDENT	MOREL GUYOT	W6LIX	838-5433
SECRETARY	ED ROOT	KC7OKS	851-7463
TREASURER	ROGER TERWILLIGER	WA7ANJ	475-4293
BOARD (5)	AL BURLESON	K7HW	474-9023
	WORTH GURLEY	W7WG	582-3844
	RICH MANSON	N7ANF	474-8883
	GEORGE NOBLE	KK7FM	756-1127
	FRANK PALMER	AC7JY	539-1685
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	ROGER TERWILLIGER	WA7ANJ	475-4293
	ROGER NACE	K8RN	209-5624
	DICK RYAN	W7RGD	627-0922
	JERRY SELIGMAN	W7BUN	845-7652
PHOTOGRAPHER			
ASSISTANT ED.	ROGER NACE	K8RN	209-5624
COMPOSITOR	KATHLEEN NACE	NØEYK	209-5624
PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business Post Office Box 11188, Tacoma WA 98411 206-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350 #14060, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please contact Jill Palmer, K7JIL, (253)539-1685 or e-mail, hamtalker2@aol.com

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.28 / .88 MHz **144.97 - Packet**
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Sue Dyer KD7NEX RCT 2096
28216 152ND Ave. E.
Graham, WA 98338 360-893-4320
sdyerjump@aol.com

Steve Dyer NO CALL RCT 2097
28216 152ND Ave. E.
Graham, WA 98338 360-893-4320
saildive@aol.com

Monte L. Simpson W7MLS RCT 2098
2523 North Wycoff Avenue
Bremerton, WA 98312-2711 360-478-7052
w7mls@arrl.net

Reinstatements

Address/Phone Changes/Corrections

Christopher Rose, KF6SNJ
10666 Croft St S
Tacoma, WA 98444-6034

Charles Doerr, NOCALL
9418 S Fawcett Ave
Tacoma, WA 98444-6245

Joesph N Winter, WZ7M
819 N. Mullen St
Tacoma, WA 98406-3031

E-Mail Address Changes/Additions
New Calls/Upgrades

Bill Waesche can be reached at wwaesche@cs.com.

Roy Brooks was K7OGL and is now W7RTB.
Richard E. Watson, KD4VOM, is now a General Class.

Silent Keys

Ira Eldon Nicks, WB7QQM

PINOCHLE



at the Clubhouse
1249 So. Washington
2nd Saturday, June 9th
Pinochle & Potluck - 7PM
For info call:
Jack, WA7ENB, & Marilyn Moo
253-759-4898

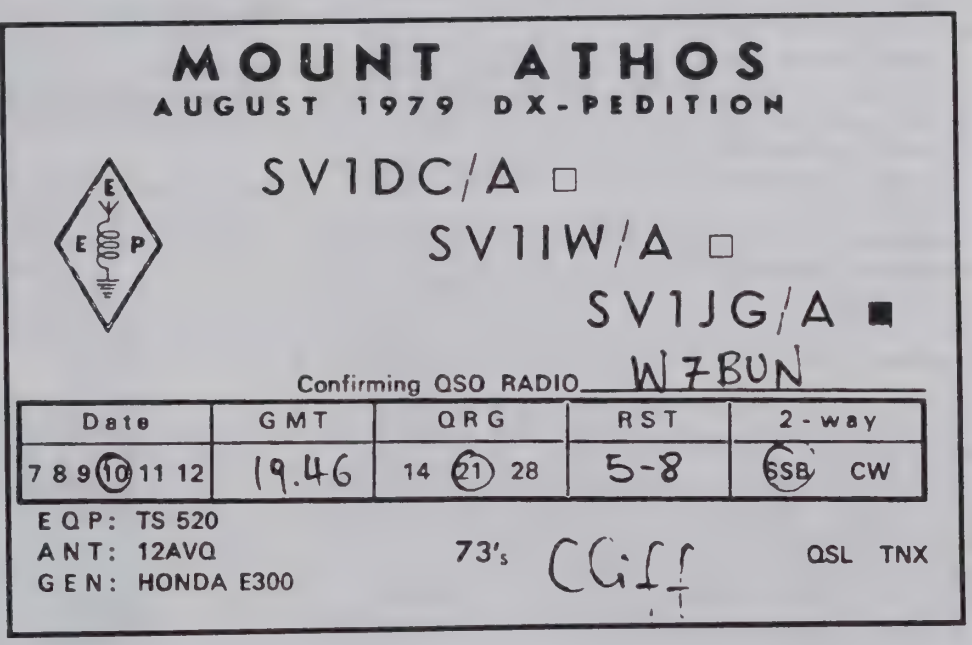
COMING PROGRAMS AT RCT

JUNE 13TH - FINAL PLANS FOR FIELD DAY - The ARRL Field Day exercise is June 23rd and 24th this year. This is the most fun activity that the club undertakes each year. Field Day gives everyone experience in assembling antennas, erecting towers, and practicing operating skills. Field Day is also a family activity, with a potluck dinner Saturday and a good place to camp out in the woods at a close-in site in Parkland.

JUNE 27TH - WHAT MAKES YOUR COMPUTER WORK - Dave Funk, WA7RSO, will describe what really goes on inside microprocessors, from the simplest CPU to the most complicated, and explain how a computer operating system works. Dave is a retired Systems Programmer and has taught digital, radar, microwave, and test equipment courses at schools such as Clover Park and Green River. He also worked for Boeing in instrumentation R & D. Dave has been a licensed amateur for over 35 years and holds an Amateur Extra class license.

RARE AND UNIQUE QSL CARD

Mount Athos (Holy Mount) is a self-governed part of the Greek state, located on the eastern peninsula of the Salonica region on the Mediterranean Sea directly north of Athens. It counts as a separate country for DXCC purposes. It's 50 KM long and 8-12 KM wide. The first monks came to Mount Athos in the 5th century AD, and currently there are 20 monasteries. Mount Athos is considered the center of Eastern Orthodox Monasticism. Due to the religious nature of life there, amateur radio has a very low priority and operations from there are very rare.



MOUNT ATHOS
AUGUST 1979 DX-PEDITION

SV1DC/A □
SV1IW/A □
SV1JG/A ■

Confirming QSO RADIO W7BUN

Date	GMT	QRG	RST	2-way
7 8 9 (10) 11 12	19.46	14 (21) 28	5-8	(SSB) CW

EQP: TS 520
ANT: 12AVQ
GEN: HONDA E300

73's CG ff

QSL TNX

NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW TO CONTINUE RECEIVING YOUR BARK

MARCONICALLING

Check out http://www.marconicalling.com

This fascinating web site highlights the history of Marconi, the man and the company, through written word, photos, video clips and sound bites.

MEETING MINUTES

Radio Club of Tacoma
Board Meeting
2 May 2001

The meeting was called to order at 7:35 PM..
Present were: Mick Pier, KK7QS; Morel Guyot, W6LIX; Worth Gurley, W7WG;
Rich Manson, N7ANF; Frank Palmer AC7JY; Jerry Seligman, W7BUN; Ed Root,
KC7OKS; Roger Terwilliger, WA7ANJ; Al Burleson, K7HW; George Noble,
KK7FM; Dick Giguere, KA7FXQ; Larry Kirkegaard, KC7YT; and Bud Mitze, K7BUD.
Minutes were approved as corrected.
Correspondence: Bank statements, Tax notice, 2 renewals, newsletters, and advertisements.
Treasurer's Report: In the Bark. (Copies on the table.)
Minor discussion on the budget.
Committee Reports: Training: Technician class this weekend. 15 signed up. We need at least 2 more instructors for this session. Also need a volunteer to bring a 5W 2 meter HT for demonstration for the class.
Membership Chairman: Scott Clausen, KD7KQA, has volunteered.
Emergency Operations: Still looking for someone to chair this very important committee.
Public Relations: Frank, AC7JY, has volunteered to chair this.
Scholarship Committee: Rich, N7ANF, is the Chairperson.
Field Day: To be held at LeMay's, same as last year. We need someone to check the generators out. Dick, KA7FXQ, volunteered if someone who knew how to start them would help him. Larry, KC7YT, said he would help. Mick, KK7QS, reported that the antenna had lost another element that went through the garage roof.
Flea Market: Roger, WA7ANJ, reported that we have some reservations and that ARRL approval of the date is expected soon.
Western Washington Fair: Still looking for a chairperson. Mick reported that we are working on a book to outline the duties of the different committee chairpersons.
Fund Raising Committee: Will be starting soon. John Robson, AC7LK, may be interested in chairing this.
Antique Radio: Reported that we now have a sign out in front identifying the W7OS station.
85th Anniversary Special Event: Plans are moving forward for this important celebration.
The Sunday night HF net meets at 8 PM local time on 28.375. We need more check ins.
Old Business: Jerry reported that in the past we used to take pictures of all members at their stations, or at the club station. He asked if we should do this again. M/S/P, to do so. The details will be worked out, but one suggestion was to do it digitally.
A tabled motion from the last meeting to change the start time of the Board meeting to 7 PM was voted on and defeated.
Garage Roof: No estimate yet. New hole in it.
Saturday Swap & Shop. Will be the last Saturday at the clubhouse. This will start in May.
New Business: Budget. M/S/P, as presented with the understanding that some items will have to be changed as we learn more about our needs.
It was reported that the output signal audio was weak on both of our 2 meter repeaters. Al, K7HW, said the repeater committee would look into it.
Beam antenna: Discussion was held on the safety and usability of our clubhouse beam. It was decided to check on the cost and availability of a replacement beam.
Club Preamble: Discussion was held on it. Copies will be sent to all board members for input.
Good of the Order: Morel, W6LIX, was given a round of applause for getting the W7OS sign made and installed. Larry, KC7YT, made a presentation on a setup for doing audio/visual presentations using an AverKey 300. This is a scan converter for use with a computer to make video presentations.
Adjourned at 8:54 PM

TREASURER'S REPOR

de Roger, KA7ANJ

APRIL 2001

GENERAL FUND:

INCOME

COFFEE	$14.65
FLD DAY	$18.80
DUES	$125.00
D.P	$62.00
TOTAL	**$220.45**

EXPENSES

EQUIP	$11.25
MISC	$15.60
RAD STA	$94.59
PHONE	$61.92
TOTAL	**$183.36**

NET: $37.09

SUSPENSE FUND:

INCOME

BOOKS	$ 82.00
TOTAL	**$ 82.00**

EXPENSES

ZIP! NADA!

NET: $ 82.00

TOTAL GAIN $119.09

RADIO CLUB OF TACOMA
General Membership Meeting
May 2001

Meeting opened at 7:30 PM with the flag salute being led by Mick Pier, KK7QS. Introductions were made around the room.

Illness or Silent Key: Jean Treloar, KB7SVX, hurt his leg.

Correspondence: Renewals, new checks, advertisements, newsletters, one address correction.

Treasurer's Report: Treasurer is absent. The report is in the BARK.

Committee Reports: President requested that members renew and/or join the ARRL through the club. We get credit for it and maintain the required numbers of members in the ARRL to be an affiliated club.

Garage roof., Estimates are in and we will proceed with the repairs soon. We could use the loan of a roofing shovel.

Al Churchill, AC7BU, reported that the emergency power batteries were wired together and would soon be hooked up to the repeaters.

Public Relations: Frank Palmer, AC7JY, will chair this. Roger Terwilliger, WA7ANJ, will help.

Training and Programs: Jerry Seligman, W7BUN, reported that the next program will be on ARES/RACES. We will have a speaker, and will learn more how we as members and a club can help in emergencies. First June meeting will be Field Day Prep. We still need help with stations, bands, and other things. We also need shelters. Jerry also reported that two General classes are currently underway. He said one just started and has room for more people.

Tonight's Program: Practical Workshop. Soldering tips and techniques, practical demonstrations on putting connectors on coax.

Old Business: None reported.

New Business: None reported.

Hints and Kinks: Jerry reported that he has many books on sale for half price.

Tuning and Traffic: None reported.

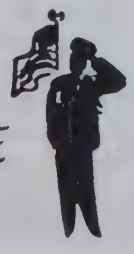
Raffle Winners: Oliver Larson, W7WIA, $10; Worth Gurley, W7WG, gift certificate; Al Burleson, K7HW, $10.

Good Of The Order: Reminder about W7DK at the Beach, 6-10-01, and the Sunday night 10 meter net.

The following people have badges that will be available for pick-up at the June meetings.

GAIL, KB7UON	BYRON, K3ROT
STEVE, KD7FVU	GEORGE, KA7HGE
PAUL, KD7KPX	DEL, KD7HYV
SANDY, KD7HYT	RANDY, N7HNX
ARTHUR, KD7KQE	BOB, KD7HBE
BILL, KE7CG	DAVE, N7XRJ
STEVE, WB7WUX	

Attendance: 23 people signed the sheet.
Adjourned at 9:04 PM.



CELEBRATE FLAG DAY!

Radio Club of Tacoma
Membership Meeting
23 May 2001

The meeting started at 7:30 PM with a flag salute led by President Mick Pier, KK7QS. Introductions were made from all in attendance.

Correspondence: Phone bills, property assessment, newsletters, new checks, renewals, and a letter from Bill Reuter, W7KT. It was expressing regret that he would not be able to renew his membership. He has been licensed since 1928 and is 92 years old. He doesn't drive and lives on a remote part of Vashon Island. He still gets on 20 and 40 meters, and he sent a nice QSL card.

Treasurer's Report: Published in the Bark.

Illness or Silent Key: None reported.

Announcements: Mick, KK7QS, reported on the plans of the doctor's office to the east of our clubhouse to enlarge their parking lot. They wish to work with us as they did in the past. It might include putting a fence up for safety. He also reported that the Western Washington Amateur Relay Association (WWARA) will have their meeting at our clubhouse on 5-24-01.

Jerry Seligman, W7BUN, announced that classes were ending for the summer. They will resume in the fall. Also, Field Day still has openings on some of the bands. Any class licensee can operate on any band with a control operator present. This is your chance to participate in the most fun event the club does, and operate on HF. He also repeated the need for shelters for Field Day. Jerry then asked members to participate in making the Bark a more interesting paper. Any member can put an article in the paper. In fact the editor would welcome it.

Programs: Jerry, W7BUN, reported that the June 13th program would be Field Day Prep. The June 27th meeting would be a program on "All About Computers". He then announced the program of the evening: A Presentation on ARES/RACES, given by Monte Simpson, W7MLS. Monte is the Washington ARES District 3 District Emergency Coordinator, and the RACES Regional Coordinator for the South Puget Sound. Following the presentation Monte had a question and answer session.

Hints and Kinks: Gary Martek, W7DO, reported on tubes and tube testers being harder to get. It seems that musicians are buying them to build amplifiers for their instruments. Someone gave the club a 220 MHz beam antenna for anyone interested in having it. Jerry reported that he would be sending in an order for Rohn tower sections and accessories, and we would be able to get 34% off dealers price, no tax, and free shipping. If interested, contact Jerry. The order will be submitted in early July.

Good of the Order: Worth Gurley, W7WG, reported on HF contacts made from the Boy Scout campout at Fort Lewis. Roger Terwilliger, WA7ANJ, reported on a teletype message that was received there. The teletype was brought by Lynn Neece, KB6OKS. The message was sent by radio from Seattle. George Noble, KK7FM, reported that there were about 2500 to 3000 scouts there. He also said that they were very impressed and that next year we would have a better location for our ham demonstration.

Al Churchill, AC7BU, announced that he had more copies

of the streaming program for digital communications for anyone interested.
Mick, KK7QS, reminded everyone of W7DK At The Beach on 6-10-01, and the real New York hotdogs we will have there. It is a potluck and fun event. He also reminded us of the Field Day practice antenna erecting session on the 16th of June. Next Wednesday a meeting will be held at the clubhouse to plan the Radio Club's 85th anniversary Special Events Station operation. Also a reminder that a Bark party is coming up next week.
31 people were in attendance and signed the roster..
The meeting was adjourned at 9:05 PM.

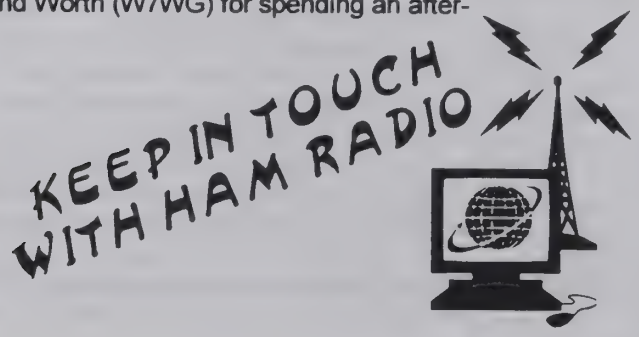
QST QST QST

From the W7DK Club Station

HF Net every SUNDAY 28.375 MHz USB 2000 Hrs. Local

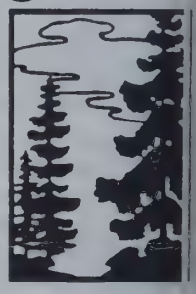
Spring has rushed in with a few good wind storms and, for those of you that have been by the club house, you may have noticed that we have lost one half of the 15 meter element on the tri band beam to the wind gods. The club station is now in need of a replacement antenna as it is felt that the present antenna has met its life expectancy. Several of our members are looking for a possible replacement and getting pricing information. The present antenna has already been repaired twice and the aluminum has become brittle with age. At this time, the antenna is still in place and usable. I will keep you posted when a change is made. Even with a crippled beam, I was able to work two northern Italian stations (one was mobile) on 15 meters. This was a demonstration of the club station on May 6th for the students of the technician class. I hope this will give them a bit of encouragement to continue on and advance in ham radio.

The 10 meter Sunday evening net is going well and I am also listening on 146.55 simplex for those that can receive on 10 meters, but can not transmit due to license or equipment limitations. I also have a 10 meter rig to loan out for anyone that does not have a rig to use and would like to get on the air. Big thanks to Frank (AC7JY) and Worth (W7WG) for spending an afternoon fooling around with the antenna tuner to find a good match on the 10 meter band. For some unknown reason the tuning has changed on the wire antenna and all the recorded settings were not valid. Maybe it was those wind gods again! Thanks also goes to Bud (K7BUD) and Frank (AC7JY) for acting as the net control on a few Sundays that I was not able to run the net. I would like to find a few volunteers to assist in running the club station and the net as I am not always available. Please feel free to contact me if you are interested. I would also like to hear from you with any input on how the club station can be put to use.
73 and I look forward to seeing all of you at W7DK at the Beach.
Lynn Neece, KB6OKS
Station Manager
253-853-5973 or KB6OKS@JUNO.COM



Editor's Note

kathleen@naceplace.com



Hello again from Puyallup! The last few days have been warm and sunny! Welcome to summer?

June is always a busy ham radio month, starting with SEAPAC in OR. RCT will be staging the antenna wars and potluck at Owen Beach on June 10th. Maybe that is practice for Field Day? I know that Jerry, W7BUN, still needs help with FD. YOU can help make this event happen successfully! Call Jerry today. The last Saturday of the month will give everyone the chance to buy and sell treasures.

Events that I know are happening in coming months that need YOU are the FAIR (check with Shirl N7QHW) and the Flea Market (Roger, KA7ANJ). Also there are public service events and dates noted in the ARES column, where you could be of service.

Lots of opportunities are surfacing. Help wh and where you can. See you next month! 73, Kathleer

ROHN TOWER & ACCESSORIES



Jerry, W7BUN, is planning a mass purchase of Rohn 25G, 45G and 55G tower sections and all accessories, such as guy wire, earth anchors, turnbuckles, thimbles, rotor shelves, masts, torque arms, house brackets, thrust bearings, etc. The price will be 34% discounted from the dealer price, with no tax and NO SHIPPING CHARGES! The order will be placed in early July and drop shipped to W7BUN's hou for pick up there. Contact Jerry at 253-845-7652 or e-m at w7bun@wa.net for info and prices.

AREA SWAP MEETS

1-3 Jun 2001
Northwestern Division Convention Seaside, OR
http://www.seapac.org

8-10 Jun 2001
Wenatchee Hamfest Dryden, WA
Contact: John Lathrop, N7RHY
Email: n7rhy@gte.net

9 Jun 2001
Kootenai ARS Rathdrum, ID
Phone: 208-667-4915
Email: jmonroe@dmi.net

20-22 Jul 2001
Montana State Convention East Glacier, MT
Contact: Gerry Leach, VE6BVZ
55 Templegreen Place NE
Calgary, AB, Canada T1Y 4Z2
Phone: 403-285-5547
Email: leachg@cadvision.com

20-22 Jul 2001
Pacific Northwest DX Convention Everett, WA
http://www.wwdxc.org/convention
Contact: Ward Silver, N0AX
22916 107th Avenue SW
Vashon Island, WA 98070
Phone: 206-463-9173
Email: hwardsil@wolfenet.com

4-5 Aug 2001
Eastern Washington Section Convention Spokane, WA
Contact: William Craze, KC7YSF
1727 Northwest Blvd., #16
Spokane, WA 99205
Phone: 509-326-5353
Email: warchief@cet.com

11 Aug 2001
Lower Columbia ARA Longview, WA
http://www.qsl.net/nc7p/swapmeet.htm
Contact: Bob Morehouse, KB7ADO
2437 Allen Street
Kelso, WA 98626
Phone: 360-425-6076 (after 6 PM weekdays)
Email: kb7ado@aol.com

8 Sep 2001
Radio Club of Tacoma Graham, WA
http://www.w7dk.org
Contact: Lou Simmons, KB7WDB
21915 78th Avenue East
Graham, WA 98338
Phone: 253-847-5124
Email: kb7wdb@juno.com

30 Sep 2001
Chehalis Valley ARS Chehalis, WA
http://www.cvars.org
Contact: Bill Harwell, KC7QHJ
Phone: 360-748-8086
Email: kc7qhj@arrl.net

13 Oct 2001
North Kitsap ARC Bremerton, WA
http://www.silverlink.net/nkarc/hamfest.html
Contact: Susan Johnson, AB7MD
Phone: 360-697-9379
Email: nkarc@yahoo.com

JUNE CONTESTS



2
QRP TAC (Telephone Area Code) Contest, CW, QRP. 80 40 20 15 10M

9-11
ARRL June VHF QSO Party
Digital Contest All digital modes, 80 40 20 15 10 meters.

16-17
Kid's Day Operating Event
SMIRK QSO Party, Sponsor: Six Meter International Radio Klub, 6 meters only.
All-Asian DX Contest, CW (phone contest Sep 1-2). 160 80 40 20 15 10 M. Work Asian stations only.

23-24
Field Day



Want more info, check
www.arrl.org/contests

Radio Club of Tacoma License Exams

JUNE 12, 2001
7 PM RCT Clubhouse
1249 S Washington in Tacoma
Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $6.65. For information call: Shirley Murphy, N7QHW @ 253-265-3661
Fee as of Jan. 2001 – $10

20 Oct 2001
Mid-Valley ARES Rickreall, OR
http://www.teleport.com/~binder/swap.html
Contact: Bud Smith, N7BUD
Phone: 503-838-0266 Fax: 503-838-0262
Email: n7bud@arrl.net

SCHEDULE YOUR SWAPMEET VISIT

◈ News from the ARRL ◈

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet.

ARRL EXECUTIVE COMMITTEE REVIEWS PRELIMINARY 5 MHz BAND PETITION

The ARRL Executive Committee has reviewed a preliminary draft Petition for Rule Making seeking a new US ham band in the vicinity of 5 MHz. Experimental operation at 5 MHz under a license issued to the ARRL has been going on since 1999. Participants in the ARRL WA2XSY experimental operation have established that an allocation at 5 MHz could improve emergency communication capabilities by filling the gap between 80 and 40 meters.

On a motion from Southwestern Division Director Fried Heyn, WA6WZO, the EC agreed that the petition should seek a domestic secondary amateur allocation around 5 MHz with a bandwidth of 150 kHz. Executive Committee members will review the completed draft petition before it's filed with the FCC, possibly before the next ARRL Board meeting in July.

An amateur allocation in the vicinity of 5 MHz long has been an objective of the International Amateur Radio Union. The IARU's Administrative Council has approved a goal of "a narrow allocation, even on a shared basis in the vicinity of 5 MHz." Winning an allocation at 5 MHz--even on a domestic basis--could take several years. Securing an international allocation will be more difficult and take even longer. Consideration of an allocation at 5 MHz is not on the agenda for WRC-03 nor on the preliminary agenda for WRC-05/06.

A review of FCC-related issues dominated the May 5 Executive Committee session in Dallas. In other matters, the Executive Committee was told that an FCC Notice of Proposed Rule Making still is expected soon in response to the ARRL's petition, RM-9404, seeking Amateur Radio access to the low-frequency spectrum. Filed in late 1998, the ARRL petition asks the FCC to establish LF allocations in the vicinity of 136 kHz and between 160 and 190 kHz.

ARRL General Counsel Chris Imlay, W3KD, also told the Committee that the ARRL's Application for Review that seeks to clarify the FCC's PRB-1 limited preemption policy with respect to amateur antennas is pending before the full Commission. The ARRL wants the full Commission to review--and reverse--an FCC staff decision declining to extend PRB-1 coverage to include CC&Rs--covenants, conditions and restrictions. The EC agreed to request an en banc presentation to the full FCC this fall, after new Commission appointees have been seated.

The Committee also was told that favorable FCC action is anticipated on a petition seeking to upgrade Amateur Radio's status from secondary to primary at 2400 to 2402 MHz. The ARRL recently renewed a long-standing request that the FCC elevate Amateur Radio from secondary to primary at 2300 to 2305 MHz. The minutes of the ARRL Executive Committee meeting in Dallas are available on the ARRL Web site, http://www.arrl.org/announce/ec_minutes_466.html.

AO-40'S LEILA SOUNDS HER SIREN CALL

If you're planning to use the AO-40 satellite, watch out for LEILA! The satellite's ground controllers have turned on the LEILA system, which not too subtly discourages operators from putting too strong a signal into the satellite's uplink receiver.



AMSAT-DL President Peter Guelzow, DB2OS, says LEILA was turned on for the first time May 12 after some very strong signals--louder than the middle beacon--showed up in the satellite's passband.

"Several people tried to get them to reduce power, but they apparently weren't listening," he said in a posting on the AMSAT-DL site. The situation soon led to "massive grumbling" on the passband, he said.

LEILA soon was set up on the UHF uplink and "it worked like a charm!" Guelzow concluded. If a too-strong station fails to lower power, LEILA notches out the offender's uplink and sends the siren signal to the downlink for about five seconds.

Bruce Paige, KK5DO, who's AMSAT's new awards manager, was on hand for LEILA's debut. He says LEILA can notch out five signals at a time. "So if there are a lot of offenders, you might have to wait to get stomped by LEILA," he said.

Guelzow said if all goes well, ground controllers probably will leave LEILA switched on continuously.

The success of LEILA was dimmed by the apparent failure of ground controllers to get the AO-40 X-band (10 GHz) system to operate. Ground controllers haven't given up yet, however. Guelzow said Stacey Mills, W4SM, and Michael Fletcher, OH2AUE, tested the X-band transmitters, both solid state and traveling wave tube (TWT) over the weekend. "Unfortunately, the test was not successful," Guelzow said. Telemetry indicated the proper commands, but apparently no power was reaching any of the X-band modules. Another test will be run soon.

AO-40 ground controllers opened up the next generation satellite's transponders May 5 for general amateur use on an experimental basis. Uplink frequencies (without taking Doppler into account) are 435.495-435.780 MHz and 1269.211-1269.496 MHz, and the downlink passband is 2401.210-2401.495 MHz. The transponders are inverting, so a downward change in the uplink frequency will result in an upward frequency shift in the downlink.--thanks to AMSAT News Service and AMSAT-DL

EIMAC CO-FOUNDER JACK A. MCCULLOUGH, EX-W6CHE, SK

The co-founder of tube manufacturer EIMAC Jack A. McCullough, ex-W6CHE, of Cupertino, California, died April 28. He was 93. An ARRL Life Member, McCullough and Bill Eitel, W6UF (SK), paired up to start Eitel-McCullough--EIMAC--in the 1930s after building a tube

or use as a grounded-grid amplifier. A DXer and contester in his younger years, McCullough also was a QST author in the 1930s and 1940s, writing mostly about what he knew best--high-power amplifier tubes.

ARRL AGAIN PETITIONS FCC FOR PRIMARY ALLOCATION AT 2300-2305 MHz

The ARRL has again asked the FCC to create a primary domestic Amateur Radio allocation at 2300-2305 MHz. Amateurs now are secondary there. The ARRL first asked the FCC in 1996 to upgrade the allocation there to primary, but the Commission never acted on the request.

"The segment 2300-2305 MHz is of extreme importance to the Amateur Service, especially for weak-signal communications and propagation research, including beacon operation, due to the low noise levels in that band," the ARRL said. The renewed petition was prompted by increasing demands on that portion of the spectrum due to development of new telecommunications technologies.

The Amateur Service has primary allocations in this part of the spectrum at 2390-2400 MHz and 2402-2417 MHz. The ARRL last year sought to have the segment 2400-2402 MHz elevated from secondary to primary, but the FCC has not acted on the request to date. The AO-40 satellite has been successfully using that band for downlink telemetry and transponder operation.

In light of the FCC's stated policy to protect incumbent amateur operation at 2300-2305 MHz, upgrading the amateur allocation there "would constitute the highest and best use of the band at present," the ARRL asserted in its latest filing. "It would also be consistent with the protection requirements for government and NASA operations immediately below 2300 MHz and the WCS operation above 2305 MHz." Amateur Radio weak-signal work is centered near 2304 MHz.

The ARRL also requested the FCC not to introduce any other users to the band. The FCC has not yet put the ARRL's petition on public notice.

CALIFORNIAN TURNS IN TICKET; FCC STILL WANTS EXPLANATION

A California ham has turned in his Technician license in the wake of an FCC inquiry into his involvement in alleged rules violations on a Los Angeles-area repeater. But the FCC has told Gregory S. Cook, ex-KC6USO, of Chico that he must still address the allegations of broadcasting, playing music, and one-way phone patching before he'll be allowed to get another license.

FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth wrote Cook earlier this year, citing information that Cook had been party to the transmission of "a lengthy broadcast" in the late evening and early morning hours of February 1 and 2 over the W6NUT repeater in the Los Angeles area.

Hollingsworth also wrote Technician licensee Ted R. Sorensen III, KC6PQW, of Agoura Hills, citing information alleging that Sorenson had acted in concert with Cook, who was hooked in via phone patch while Sorenson facilitated the actual transmission. A similar transmission February 4-5 was said to have featured only Cook, again via phone patch to Sorenson's transmitter, Hollingsworth said.

Responding on March 10, Cook sent the FCC his ham ticket, which was due to expire May 7. Cook said he would agree to not renew his ticket and to stay off the air for a year if the FCC would consider the case closed.

Hollingsworth obliged him, but only to a point. In an April 18 letter, he said the FCC had accepted Cook's license for cancellation and that he could reapply in a year. But before that, Hollingsworth said, Cook would have to "respond satisfactorily" to the allegations outlined in the FCC's February 21 letter.

In a separate reply, Sorenson told Hollingsworth that he intends to cooperate fully and adhere to FCC rules. He suggested that a "fair punishment" would be suspension from the W6NUT repeater for a year. Sorenson also offered to provide information on other rulebreakers on the W6NUT repeater.

On February 20, Hollingsworth initiated a separate inquiry with the repeater's trustee, Kathryn Tucker, AA6TK. Hollingsworth told Tucker that the FCC had received complaints that control operators and the repeater licensee "fail to address long periods of jamming by users, broadcasting, music playing as well as a plethora of other violations."

In a lengthy reply, Tucker, said the repeater's owners had not monitored the alleged February episodes involving Cook and Sorenson.

"The policy of the W6NUT repeater is not to attempt to remove unruly operators from its use," she told the FCC, adding that "an extensive educational campaign" has been conducted to inform users of proper operation.

Tucker said the W6NUT owners have received "numerous complaints" about the repeater's operation. "The policy is to let them 'go in one ear and out the other'," she told the FCC.

ALINCO SHIFTS NORTH AMERICAN DISTRIBUTION, SERVICE TO OHIO FIRM

Amateur Radio manufacturer Alinco has closed its US branch in Torrance, CA, and shifted its North American distribution to an Ohio firm. Alinco product distribution and customer service now are being handled by Atoc Amateur Distributing LLC in Covington, OH. The change was effective May 1.

A news release posted on the Alinco Web site says that Alinco will continue to be "a very committed, viable player in the Amateur Radio marketplace" and that all Alinco warranties "will remain in force and continue to be honored through their term." Alinco will exhibit at Dayton Hamvention next week and will sponsor the W8BI special event station in the outdoor exhibits area as it has in past years.

In addition to dealer distribution, the Atoc facility in Ohio is taking over customer support and out-of-warranty service of Alinco products and sales of Alinco parts. Parts sales have been temporarily suspended during the changeover, and service could be disrupted for a time as well.

The announcement said Alinco will concentrate on designing and manufacturing products from its Japan

headquarters in Osaka and factory in Toyama.

For more information, visit the Alinco Web site, http://www.alinco.com , or contact Atoc Distributing LLC, 23 S High St, Covington, OH 45318; 937-473-2840.

KID'S DAY IS JUNE 16

Kid's Day is just around the corner. On June 16, 1800 to 2400 UTC, kids of all ages are invited to experience ham radio. Amateurs are encouraged to invite youngsters into their shack to enjoy the fun. Kid's Day began in 1994 with a one-hour program created by the Boring Amateur Radio Club in Boring, Oregon. The youngsters exchanged names and their favorite color. Forty kids participated. Last year, more than 1000 took part in the event, now sponsored by ARRL. All participants can download a personalized certificate. There's no limit on operating time. The suggested exchange is name, age, location and favorite color. You are encouraged to work the same station again if an operator has changed. Call "CQ Kid's Day." Kid's Day rules, frequencies and other information are on the ARRL Web site, http://www.arrl.org/FandES/ead/kd-rules.html and in the June issue of QST, p 48.

QSL CARD POSTAGE TO JUMP A PENNY

It will cost another penny to mail a QSL card (sans envelope) after July 1. The US Postal Service has announced that it's raising the postcard rate by $0.01. First-class domestic postage in the US increased to 34 cents on January 7. The complete rate schedule is available on the USPS Web site, http://www.usps.com/.

7 MHZ "REALIGNMENT" AMONG WRC-2003 ADVISORY COMMITTEE PRELIMINARY VIEWS

The FCC's World Radiocommunication Conference 2003 Advisory Committee has approved several "preliminary views"—or PVs—on expected WRC-03 agenda items. Among these is a US preliminary view supporting a realigned 40 meter amateur allocation at 6900-7200 kHz on a worldwide primary basis. The FCC is soliciting public comment on all preliminary views by May 9.

The preliminary view was developed by Informal Working Group 6, which is dealing with most issues of concern to amateurs. ARRL Technical Relations Specialist Walt Ireland, WB7CSL, serves as vice chairman of IWG-6. The PV says that, alternatively, the US could support a 7000-7300 kHz worldwide primary amateur allocation.

Only amateurs in Region 2, which includes North and South America, have access to 7000-7300 kHz; the rest of the world has only 7000-7100 kHz, with the upper 200 kHz allocated for broadcasting. ARRL Technical Relations Manager Paul Rinaldo, W4RI, says the ARRL would prefer going back to the pre-World War II worldwide 7000-7300 kHz scheme. Some broadcasters, on the other hand, would like amateurs worldwide at 6800-7100 kHz, he said, so they would not have to move. A Radio Conference Subcommittee backgrounder from the Interdepartment Radio Advisory Committee—which reflects views of the federal government—said the issue "is liable to be very controversial."

Further complicating matters, Rinaldo said, is the fact that international HF broadcasters want to fold the 7 MHz realignment question into another WRC-03 agenda item examining the adequacy of HF broadcasting allocations from approximately 4 MHz to 10 MHz. Broadcasters are expected to seek additional HF elbow room to accommodate digital transmissions to complement their existing AM channels.

Any realignment scheme will involve having to move existing occupants—broadcasters on one side or fixed and mobile services, mostly government and Part 9(users, on the other.

"We want 300 kHz," Rinaldo said—reflecting the position of the International Amateur Radio Union, "but, we have some flexibility as to where it is."

Another PV with implications for amateurs would oppose the use of 420-470 MHz for use by the Earth Exploration-Satellite Service for so-called synthetic aperture radars, or SARs unless it can be shown that the satellites "do not cause harmful interference to amateur systems and stations." SARs are used to map regions on Earth's surface and are expected to be deployed primaril over tropical rain forest areas.

Rinaldo emphasized that the preliminary views do not represent formal US positions and are subject to change as preparations for WRC-03 move forward.

Comments on WAC preliminary views may be filed via e-mail to wrc03@fcc.gov. The FCC's WRC-03 Web site, http://www.fcc.gov/wrc-03, includes additional information as well as links to related documents.

WRC-03 is scheduled to begin June 9, 2003, and continue until July 4, 2003. The conference is expected to take place in Venezuela.

SPECTRUM PROTECTION BILL ATTRACTS ADDITIONAL COSPONSORS

ARRL Legislative and Public Affairs Manager Steve Mansfield, N1MZA, reports that the House and Senate versions of the Spectrum Protection Act are collecting cosponsors from both sides of the aisle. The House bill, HR 817, introduced by Rep Michael Bilirakis Florida now has 18 cosponsors including Assistant Majo ity Whip Doc Hastings of Washington—part of the House Leadership. Other cosponsors include representatives John Baldacci of Maine, Tammy Baldwin of Wisconsin, Dan Burton of Indiana, John Conyers of Michigan, John Doolittle and Gary Miller of California, Virgil Goode of V ginia, Johnny Isakson of Georgia, William Jenkins of Te nessee, Walter Jones and Mike McIntyre of North Caro lina, George Nethercutt of Washington, Ted Strickland and Patrick Tiberi of Ohio, Charles Stenholm of Texas, and Lee Terry of Nebraska. The Senate companion bill 549, introduced by Sen Michael Crapo of Idaho, curren has five cosponsors. These include senators Daniel Akaka of Hawaii, Susan Collins of Maine, Larry Craig o Idaho, Jesse Helms of North Carolina, and Bob Smith New Hampshire.

WRTC 2002 TO BE HELD IN FINLAND

The next World Radiosport Team Championship—which some characterize as the "Olympics of Am

ur Radio"--will be held next year in Finland. A formal nnouncement came April 21 during the International DX onvention in Visalia, California.

WRTC 2002 will be jointly organized by Contest lub Finland and the Finnish Amateur Radio League SRAL). The on-air competition will take place July 13-14, 002, in conjunction with the IARU HF Championship.

Last held in Slovenia in July 2000, the WRTC ivolves on-air contest style competition among two-erson teams operating from the same geographical vi-inity at stations having equivalent capabilities. All opera-on is done at 100 W with modest antennas.

The WRTC 2002 Organizing Committee Chair-ian is Jouko Häyrynen, OH1RX. Sharing duties in chair-ig the competition will be Martti Laine, OH2BH, and Pasi uoma-aho, OH2IW, both world-class contesters. Ari Kor-onen, OH1EH, who's handling WRTC 2002 publicity, as paired with OH1NOA on Team Finland, which fin-shed fifth at WRTC 2000.

Team selection will begin soon. Considered kely contenders next year are WRTC 96 and WRTC 000 winners Dan Street, K1TO, and Jeff Steinman, I5TJ. Participants from all continents will be selected ased on their track-records in past contests. Korhonen aid every effort would be made to provide teams with omparable operating conditions. "Our plan is to have 45 o 50 station sites set up in locations around Helsinki, ach equipped with identical antenna systems," he said. he WRTC 2002 Web site is http://www.wrtc2002.org.

SUPPORT YOUR CLUB

RADIO CLUB OF TACOMA

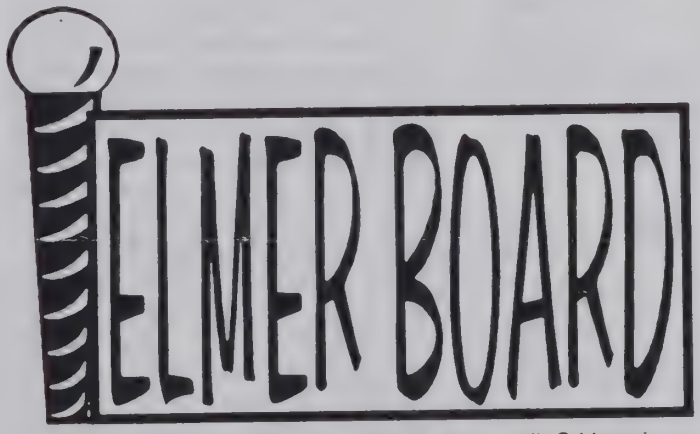
W7DK

RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.
SIZES Small through XL ARE $39, XXL ARE $46 AND XXXL ARE $52.00.
GET ONE NOW!
Call Shirley, N7QHW, at 253-265-3661, to order yours today!

BUCKMASTER HAM-CALL CD AVAILABLE BY AUCTION

If you are interested in getting a new copy of the Buckmaster Ham-Call CD check out their web site. They have been running daily auctions for copies of their latest CD for several months now. They usually have two or three copies available for a minimum bid of $25 plus $5 for shipping. There is not much activity, so within a day or two you should be able to get a copy for the minimum or very little above that. This compares very favorably with the $50. price if you buy it retail. In addition they give you a password to allow expanded searches in their on-line call database for 6 months and have a few of their other products available also. The URL for the auction site is www.buck.com/cgi-bin/auctions.exe or you can navigate to it by going to the home page at www.buck.com.
73 Rich, KK7VH



Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members area their areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment

Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Frank, AB7YZ	253-752-8520	2,3
Roger, WA7ANJ	253-475-4293	1,2,3,4,7,8,11

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the board!

(Ed. Note – We need more volunteers on the elmer board. Please add your name to the list!)

ARES/RACES

...de Shirley Murphy, N7QHW



Remember, in times of need, tune in to the 145.37 repeater and see if anything is happening. If help is needed, please jump in with your call and volunteer to help. Don't wait for the phone to ring, just get on the air and volunteer!

ARE YOU READY?

Public Service Events are here, so stay tuned for announcements of needs on the weekly net at 7:00 PM on Tuesdays on the 145.37 repeater. Remember, VOLUNTEER. We always need lots of volunteers, so please consider helping. Remember, as a member, we feel it is essential that each person participate in at least one event or drill each year.

Here are events I know about now. Call Judy LaFleur, N7NII, at 253-847-5198 (leave a message and she will return your call) for any of these events.

SOUND TO NARROWS SATURDAY, JUNE 9, 2001 Join your fellow volunteers for breakfast at 5:30 AM at Cattin's by the Gold (main) Fair gate. Get further instructions from Judy, N7NII.



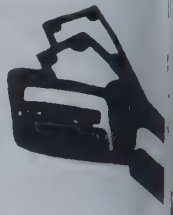
TOUR DE PIERCE SUNDAY, JUNE 17, 2001 Join your fellow volunteers for breakfast at Cattin's restaurant in Puyallup by the Fairgrounds. Further instructions from Judy, N7NII.



FREEDOM FAIR (OUR WATERFRONT 4TH OF JULY CELEBRATION) WEDNESDAY, JULY 4, 2001 We need to cover 12 parking areas from 6 AM to 12 Noon, so lots of people are needed. Give whatever time you may have for this event.



Please check your Department of Emergency Management (DEM) card to make sure it has not expired. If your card expires anytime between now and the end of the year 2001, fill out a new application and turn it in to Shirley Murphy, N7QHW, for processing. PLEASE note that if your DEM card has expired and there is not a current card on file in the DEM office, you HAVE BEEN REMOVED from the list of volunteers. To be eligible again, you simply need to fill out a new DEM application. Be sure to turn them in to Shirley, N7QHW, so that all of our records are up to date.



Do you want to get involved? Simply contact Alan Hughes, KB7SVU at 253-840-4947 and let him know.

73, Shirley, N7QHW

▶▶▶ *ADDRESS CHANGES* ◀◀◀

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail. Send changes to: Radio Club of Tacoma, PO Box 11188, Tacoma, WA 98411-0188 or give them to Shirley, N7QHW, @ 253-265-3661.

ELMER TODAY VOLUNTEER!

HEAR YE! HEAR YE!!

DO THE PUYALLUP!



The time is fast approaching for our organized efforts for the Western Washington Fair in Puyallup. The sign up calendar will be available at meetings in July and August. However, if you want to sign up early, contact Shirley Murphy, N7QHW, at 253-265-3661 or via email at sundance@harbornet.com People are already signing up so it is not too early.

Or if you just want to volunteer and learn how to do this job, let me know.

73 and thanks! Shirley, N7QHW

SATURDAY SWAP AND SHOP

Swap and Shop, **Saturday June 30th**, at the clubhouse, from 10 AM to 2 PM. Bring items to sell (and money to buy!).





TUESDAY NIGHT NET MARCH CHECK-INS

CALL	NUMBER OF CHEK-INS	NAME
W6LIX	2	MOREL
KF6JJA	1	SCOTT
KD7AAG	2	MARK
KJ7BN	4	MARILYN
KC7BU	3	AL
K7BUD	2	BUD
W7BUN	3	JERRY
K7BUW	1	BOB
K7DCJ	1	DAVE
W7DON	4	DON
K7EAY	2	ALAN
W7EC	3	HAL
KC7ETS	1	JIM
KK7FM	1	GEORGE
KD7GOR	1	BILL
KA7HJN	1	CHUCK
KD7IGY	2	WILMA
W7IMW	4	JACK
KA7IOX	4	SCOTT
K7JIL	2	JILL
KC7JME	3	NORA
AC7JY	2	FRANK
KC7KAQ	1	STEVE
KD7KPY	1	KEITH
AC7KQ	1	RAY
KD7KQA	3	SCOTT
WN7L	3	JASON
AC7LK	2	JOHN
KD7LZS	1	CHUCK
KD7LZT	2	JOHN
KD7LZZ	1	RENEE
KC7MTN	1	JIM
KA7MYU	1	LES
WA7OHG	4	WADE
KC7OKS	1	ED
KC7PAI	1	KARL
KB7QAG	3	JEFF
N7QHW	3	SHIRLEY
N7QHX	3	TOM
N7QOZ	2	BOB
KK7QS	2	MICK
KK7QW	3	PETE
W7RDF	1	RUSS
W7RW	1	ANDY
W7SKI	4	BOB
KB7SVX	2	JEAN
KB7SWW	1	BOB
K7TDJ	1	TOM
KC7UFM	1	ROSS
KC7UFP	1	ERIC
KK7VH	1	RICH
KC7VUM	3	LOU
KB7WDB	3	LOU
W7WG	1	WORTH
WA9RMK	1	WILLARD

NET CONTROLS

APR 3	KK7QS
APR 10	KD7IGY
APR 17	AC7BU
APR 25	K7BUD

ARRL RCT VE Team Report

On May 8, 2001, we tested 15 people during our VE Team testing session. Out of the 15 candidates, 11 people either upgraded their license or achieved a new license. The remaining 4 were not successful in their attempt to upgrade or achieve a new license.

Congratulations to Radio Club of Tacoma members who upgraded:
Vern Hase, KD7GTZ upgraded to General Class;
Mark O'Haleck achieved a Technician Class license; and
Gwen Roberts-Root achieved a Technician Class license.

Other achievements included 6 Technician Class licenses, 1 Technician with HF, and 1 Amateur Extra Class license.

Congratulations to all. Stay tuned for further exam results in the future.
73, Shirley, N7QHW,
Radio Club of Tacoma VE Team Liaison

ARRL MEMBERSHIP

If you haven't joined or rejoined the ARRL, please do so through the Radio Club of Tacoma! The ARRL is the major voice for Amateur Radio in the US and, besides providing a wealth of information to its members, they provide us with a voice in Washington to help protect the interests of all amateurs. Additionally, RCT is an ARRL Special Service Club and RCT needs to have at least 51% of its members belong to the ARRL to retain its Special Service Club status. See the Treasurer for application forms, and bring your ARRL renewal notices and rejoin through the club. The club receives a commission for each new or renewed membership sent through the club.

JOIN TODAY!

See our club treasurer for details.



MUSEUM MUSINGS

As you may know, the Radio Club of Tacoma was founded in October, 1916 as the second oldest continuously active amateur radio club established in the United States. In the Club's earliest days "wireless" was regulated by the Department of Commerce with Herbert Hoover as Secretary, and then by the Federal Radio Commission. The assigned various calls included "u7DK", and then W7DK. Our fine Club station and the 147.28, 147.38, and 440 repeaters, and the packet node have been operating under W7DK since W prefixes were assigned to the U. S. The comfortable main operating room upstairs also includes displays of antique radio receivers, dating from 1918, parts of a spark transmitter, a collection of old keys and bugs and a view of Mt. Rainier. Code testing is conducted in this room.



Just a few years ago the Club's Doctor Clifford J. Spike Memorial Museum (in honor of one of the founders, a long-time Club officer and mentor) was assigned Doc Spike's old call, W7OS. That call is used when the antique rigs in the Museum and the older equipment on the main floor are operated. Of note is the Old Oak Rig, homemade in its wooden rack during the 1930s, which creates much attention on the air with its chirpy cw signal signing W7OS. Morel, W6LIX, and Mac, W6NBD, worked very hard a few years ago to renovate this donated historic rig.

If within the past five weeks you just happened to enter our Club House from the front, painfully climbing up the old cement stairs to the porch between Rich, N7ANF's flower boxes - or sneaked around from the back on Al, AC7BU's newly mowed lawn, you might have noticed a new addition. For years the Museum station was not recognized. Now, thanks to the woodworking skills of Vice President Morel, W6LIX, a beautifully formed wooden "W7OS" accompanies W7DK on the front of the Club House.

Not only is Morel vice president (and we know from the news how important a vice-president can be), but he has been appointed to be the Chair of the Museum Committee. He is looking for more volunteers to help get the Museum displays in shape, and some of the equipment operating, to formally celebrate the up-coming 85th anniversary of the Radio Club of Tacoma.

You should know that Chairman Morel has a past, a heroic past, making the headlines in 1969. As Captain of United Airlines Flight 459 on January 11, 1969, from Rochester, NY, to Miami, he saved the lives of his passengers and flight crew through his cool, take-charge manner when a drunken Green Beret Viet Nam War veteran, named "Red," hijacked the plane to Cuba at gun-point. Captain Morel Guyot and his crew received a commendation from the airline for handling the situation so well and saving all those lives aa well as getting the $5 Million Boeing 727 back from Communist Cuba.

Amateur Radio Exams

in the Puget Sound Region as of February 2001



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

2nd Tuesday - 7:00 PM - Radio Club of Tacoma Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contac Bill Thompson, K7OLY, Tumwater, 360-236-9048

2nd Saturday - 10 AM - **Tukwila** - Telephone Wireless Pioneer's Museum, 7000 W. Marginal Way, Contact Mary Lewis, W7QGP, 206-523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hal 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771 Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 72 Tobin Street - Contact Jan VanAllen, K7YH, in Kent, 206-824-9039.

3rd Saturday - every 4th month - 9:30 AM - **Montesan** High School - Pearsall Center, 2109 Sumner Ave. Cor tact Nick Bender, NX7W, 360-249-4671, Montesano

3rd Saturday - 10 AM - **Shelton** - Shelton Airport - Contact - Dick Bostrom, N7LD, 360-426-4627, Shelton

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Cer ter, 6400 36th Ave. West - Contact Dwayne Broderso KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Conta Bill Thompson, K7OLY, Tumwater, 360-236-9048

4th Saturday - 10 AM - **Everett** - Everett Housing Autho ity - 14th and Popular - Contact Loren Hole, KK7M, 42 335-5158, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Tec nical Bldg, Olympic College - Contact Walt Winter AA7TL, 360-692-8326, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 1230 80th Ave East, Puyallup, WA 98373 - 253-845-7652



ON THE WEB www.w7dk.org Come see us!

SIGN UP FOR ARRL FIELD DAY FUN!

W7DK FIELD DAY

JUNE 22, 23, 24

THE MOST EXCITING AND FUN RADIO ACTIVITY OF THE YEAR

Location - Parkland - Close in and easy to find

Schedule:

Friday, June 22rd - clubhouse - 11 AM - load equipment onto trailer and take with generators to FD site - begin setting up towers and antennas.

Saturday, June 23th - Finish set up in AM - start operating at 11 AM.

5 PM - potluck dinner for all participants. Please bring salad or dessert.

Sunday, June 24th - 11 AM - cease operating - begin disassembly of antennas and towers - return all equipment to the clubhouse.

Everyone can operate regardless of license class

Sign up as a station head, operator, logger, tower and antenna assembler, Technician station head, help with PR, alternative power and satellite contacts

WE NEED: a potluck coordinator, trucks with trailer hitches to pull trailer and generators, shelters for stations (RV, motor home, large tents, etc.) - this is a critical need!

To sign up, Call:

Jerry Seligman, W7BUN - 253-845-7652



W7DK



At the Beach

Radio Club of Tacoma

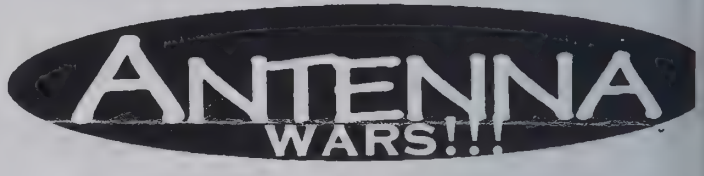
Sunday, June 10th

11:00AM – 4:00PM

Owen beach, pt. Defiance park



Real 'New York' Hot Dogs being flown in from the Big Apple...Pop will be provided



Bring a salad or Dessert!

Talk-in on
147.28

For more information, call

Bud Mitze K7BUD 588-6844

-or-

Alan Allen N7EAY 475-7413

JULY
2001

THE LOGGER'S BARK
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COMING EVENTS



JUL 2 - **Board Meeting - Clubhouse, 7:30 PM** - All members welcome.

JUL 4 - Celebrate Freedom! Remember that it is not free. Many paid a great price!

JUL 10 - License Exams - 7 PM - Clubhouse

JUL 11 - Club Meeting - Library Administration Center, 7:30 PM
Program: **PW0S - DXPEDITION TO ST. PETER AND ST. PAUL ROCKS**

JUL 15 - BARK deadline

JUL 25 - Club Meeting - Library Administration Center, 7:30 PM
Program: **QSLing** - Jake Otten, N7WO

JUL 28 - Swap and Shop - 10 AM to 2 PM, Clubhouse

- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- Check in on the 10 Meter Net every Sunday evening, 8 PM, on 28.375 MHz USB
- **See page 3 for meeting program schedule.** Check the weekly net for updates to the program schedule.

HAPPY BIRTHDAY AMERICA!

July 2001

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 Tony Bushnell KB7MPD * John English KC7OQW * Marv Jacobson KC7JKA * Robert Schlegel N7BH *	2 Barbara Osborne W7UYL * 7:30 PM RCT BOARD MEETING	3 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	4 Independence Day	5 Eugene Neugent NOCALL *	6 John Sabourin W7ZTI *	7 John Robson KB7GNM * 9:00 OPEN HOUSE 7:00 PM PINOCHLE POTLUCK
8 Norman Nelson N7ILQ *	9	10 Richard Leary W7LKG * Micah Barker KD7CRK * Harold Brassfield AC7BL * Mark Mcfarland KD7AAG * 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	11 Marie Fuller KA7HEG * 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH & WALLER RD	12	13 Susan Cox KC7OQX * Dana Marshall KD7KPZ *	14 Arthur Ives AA7EO * 9:00 OPEN HOUSE
15 Harry Ball W7HHP * Monica Martek KD7GJM *	16 Vernon James KD7COD * Clinton Johnson KA6KWD *	17 Mac Parks W6NBD * 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	18 Mike Crawford WB7DFQ *	19	20 Lorraine Robertson KA7WGG * Thomas Colon KC7TVO *	21 Jan Twardowski K7JT * 9:00 OPEN HOUSE
22 Skvia Betts KC7UZZ *	23 Thomas Jonez K7TDJ * Margaret Syverson KA7RUQ *	24 Alan Allen N7EAY * Mona Cree KB7AGS * Mark Gray KD7GJU * 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	25 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH & WALLER RD	26 Daniel Handa W7WA *	27 Larry Kirekegaard KC7YT *	28 Lynn Neece KB6OKS * Swap and Shop 10 AM to 2 PM Clubhouse 9:00 OPEN HOUSE
29	30 Sonja Dailey N7NGJ * Robert Schaefer KC7RBB *	31 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R				

*** HAPPY BIRTHDAY!**

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

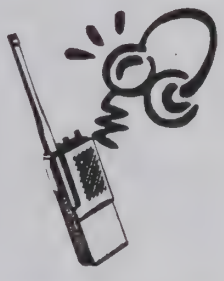
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FROM THE PRESIDENT

Mick, KK7QS

Hello everyone. June has been a good month for activities involving the club. We had a very good turn out for our annual picnic, "W7DK at the Beach." We had 75 members and guests sign in. We had one guest inquire about joining the club. We will be sure to follow up with an information packet and membership application. We had a good time eating New York hot dogs and erecting all sorts of antennas. Lots of other good food, brought by everyone, was enjoyed. I think the New York hot dogs did have a different taste. They were seasoned a little differently and they seemed to have a lot less fat in them. I hope you had a chance to find out for yourself. If you weren't able to attend, you missed out on a good time with good food. Hope we will see you there next year. The weather treated us pretty well. We had sun for the first part of the picnic. We got a little rain toward the end. But over all, it was pretty good.

Our next event is "Field Day". I'm unable to give a report at this time, because, as I write this, it has not occurred yet. Although as you read, it is already behind us. It's quite challenge writing with a two-week lag. I am sure, as always, it will be fun. I will give you a full report in my article next month. Maybe we can include a picture or two. Jerry, W7BUN, has done a very good job of putting everything together for us.



The special event committee had a planning meeting on May 30th. We got the foundation worked out. We have decided to hold the event on October 19 - 21. That weekend was good timing, as the 20th is our actual anniversary. We will begin operation at 4:00 PM local time on Friday and operate through 4:00 PM local time on Sunday. That will be midnight to midnight UTC time. Jerry has also applied for a special event call for us to use. The call applied for is W85DK. Hopefully, we will get it. I think it will draw a lot of attention. We plan to have QSL cards and certificates designed. Frank, AC7JY, will head up that project. We will award certificates to the operator of each state or country making the most contacts to different operators of our event. We plan to have club members operate from many locations - homes, mobiles, or where ever they want to set up a station. We will try to have the club station in operation throughout the entire event. Please try to stop by and make a few contacts. Everyone will be using W85DK/their individual identifier (providing we get the call). At any rate, we are looking forward to a fun time.

73 de kk7qs. Have a great summer!



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- ▶ **ARES** - Page 4

RADIO CLUB OF TACOMA -- 1999

PRESIDENT	MICK PIER	KK7QS	847-8223
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TREASURER	ROGER TERWILLIGER	WA7ANJ	475-4293
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	WORTH GURLEY	W7WG	582-3844
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COMPOSITOR	KATHLEEN NACE	NØEYK	209-5624
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CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 253-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350 #14060, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please contact Jill Palmer, K7JIL, (253)539-1685 or e-mail, hamtalker2@aol.com

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.28 / .88 MHz 144.97 - Packet
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Jeffery L. Carter, KD7LZV RCT 2
37135 2nd Ave SW
Federal Way, WA 98023-7327

Vikki Carter, KC7TCX RCT 2
37135 2nd Ave SW
Federal Way, WA 98023-7327

Jessica A Carter, KD7LZW RCT 2
37135 2nd Ave SW
Federal Way, WA 98023-7327

Justin Carter, KC7TCW RCT 2
37135 2nd Ave SW
Federal Way, WA 98023-7327

Jason Carter, KD7LZU RCT 2
37135 2nd Ave SW
Federal Way, WA 98023-7327

Reinstatements

Address/Phone Changes/Corrections

Johnny Johnson, K7JM
185 Lake Louise DR SW
Tacoma, WA 98498-3143

E-Mail Address Changes/Additions
New Calls/Upgrades

Steve Dyer was NOCALL and is now KD7NEY

Silent Keys

Ned Johnson W7EPE Former RCT member

PINOCHLE



PINOCHLE & POTLUC
See YOU in September!
For info call:
Jack, WA7ENB, & Marilyn M
253-759-4898

COMING PROGRAMS AT RCT

JULY 11TH - PW0S - DXPEDITION TO ST. PETER AND ST. PAUL ROCKS - In February, four Brazilian hams braved 30-foot waves in a 49 foot boat to activate one of the rarest DXCC entities in the world. The high winds, lightning, and rain caused a three-day delay before they could get their equipment on shore. The bad weather continued and they had to leave after making only 7,800 contacts. This video is not a professional quality video. Instead it will give you a feel for the challenge that the team faced to operate from one of the most difficult, uninhabitable pieces of rock in the world.

JULY 25TH - QSLING - Jake Otten, N7WO, from Vancouver, is an avid DXer with over 20 years experience, plus another 20 years as a radio operator in the Navy. A QSL card is a confirmation receipt of a radio contact and is the final courtesy of a QSO. Jake will discuss QSL routes and managers, how to use your computer to find information, types of envelopes to use, postage, and awards which require QSL cards.

...and the QSL CARD for this month is...

SMOM is a fully independent entity with an ancient tradition. Founded in 1099, recognized in 1113 by Pope Paschal II, from 1310 to 1522 had the sovereignty on the island of Rhodes, and from 1530 to 1798 on the island of Malta. In 1834, the Order established itself in Rome, where it holds several extra-territorial areas. Its members are known as the "Knights of Rhodes and Malta." Today SMOM is a world-wide organization dedicated solely, as its ancient tradition dictates, to providing assistance in the hospitalier, charitable, and social fields.



NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW TO CONTINUE RECEIVING YOUR BARK



ADDRESS CHANGES

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail.

Send changes to : Radio Club of Tacoma PO Box 11188 Tacoma, WA 98411-0188 or give them to Scott Clausen, KD7KQA, at meetings, telephone @ 253-925-8637 or email shbang@earthlink.net

If you are simply changing from your summer to winter address or vice versa you can notify Shirley Murphy, N7QHW, @ 253-265-3661 or email sundance@harbornet.com or Scott as indicated above.

ARES/RACES

...de Shirley Murphy, N7QHW



Remember, in times of need, tune to the 145.37 MHz repeater and see if anything is happening. If help is needed, please jump in with your call and volunteer to help. Don't wait for the phone to ring! Get on the air and volunteer!

Public Service Events are here. Stay tuned for announcements of needs on the weekly net at 7:00 PM on Tuesdays on 145.37 repeater and remember, VOLUNTEER. We always need lots of volunteers so please consider helping. Remember, as a member, we feel it is essential that each person participate in at least one event or drill each year.

These are the events I know about now. Call Judy LaFleur, N7NII, at 253-847-5198 (leave a message and she will return your call) to volunteer for an event.

- FREEDOM FAIR (OUR WATERFRONT 4TH OF JULY CELEBRATION) WEDNESDAY, JULY 4, 2001. We need to cover parking areas (12 of them), etc. 6 AM to 12 MN so lots of people needed. Give whatever time you may have for this event.

This should be the last public service event for the summer but stay tuned just in case there is something I don't know about at this time.

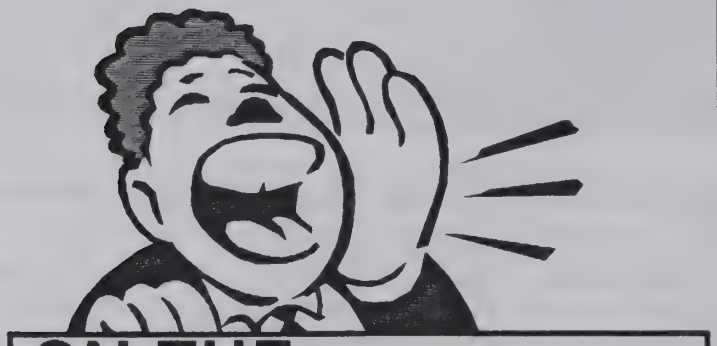
ARE YOU READY

Please check your Department of Emergency Management (DEM) card to be sure it has not expired. If your card expires anytime between now and the end of the year 2001, fill out a new application and turn it into Shirley Murphy, N7QHW, for processing. PLEASE take note that if your DEM card has expired and there is not a current card on file in the DEM office, you HAVE BEEN REMOVED from the list of volunteers. To be eligible again, you simply need to fill out a DEM application. Be sure to turn them in to Shirley, N7QHW, so that all of our records are up to date.



Do you want to get involved? Simply contac Ja Hughes, KB7SVU, at 253-840-4947 and let n know.

73, Shirley, N7QHW



HEAR YE! HEAR YE!!

DO THE PUYALLU



The time is fast approaching for our organized efforts to staff the Radio Club booth at the Western Washington Fair in Puyallup. The sign up calendar will be available at meetings in July and August. If you want to sign up and cannot attend the meetings, contact Jill Palmer, at 253-539-1685 or via email at hamtalker2@aol.com. People a ready signing up so it is not too early.

If you want to volunteer and learn how to d job, let me know.

73 and thanks Shirley, N7QHW

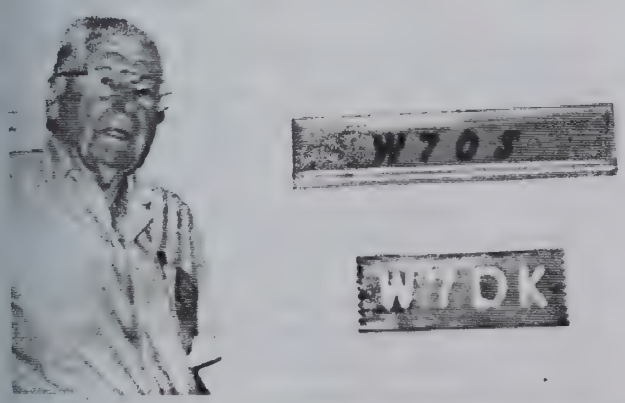
10 METER NET

CHECK-INS

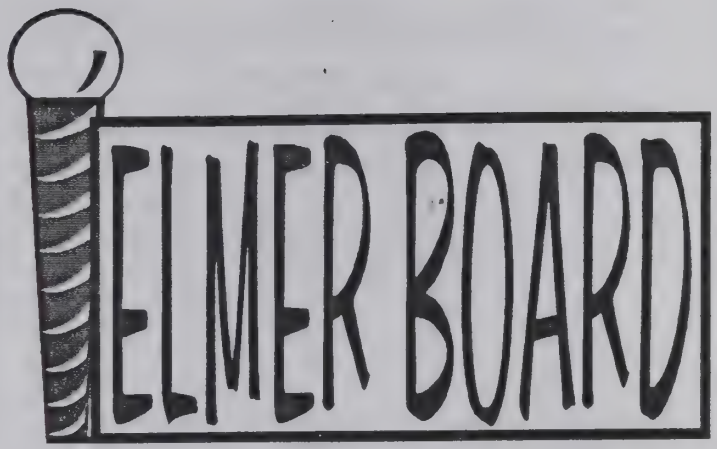
W7GFC	GEORGE	(6)
WA7GHE	ERIC	(4)
K7JIL	JILL	(4)
AC7JY	FRANK	(4)
KA7MYU	LES	(4)
KC7UFX	TOM	(4)
KD7AAG	MARK	(3)
AC7BU	AL	(3)
AC7LK	JOHN	(3)
N8PSJ	PETE	(3)
K7BUD	BUD	(2)
W7BUN	JERRY	(2)
N7BUW	BOB	(2)
KD7MPL	HAPPY	(2)
N7QHC	DAN	(2)
AA7IT	FRANK	(1)
KD7LZT	JOHN	(1)
WB7QCS	ROB	(1)
KK7QS	MICK	(1)
K3ROT	BYRON	(1)
KG7SF	PERRY	(1)
KC7SWE	JEFF	(1)
N7VBJ	PAUL	(1)

These are the check-ins for April and May. Please join us!





Morel, W6LXI, with our new museum call sign outside the front door of the club house.



Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members area their areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment

Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Frank, AB7YZ	253-752-8520	2,3
Roger, WA7ANJ	253-475-4293	1,2,3,4,7,8,11

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the board!

(Ed. Note – We need more volunteers on the elmer board. Please add your name to the list!)



◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet.

OREGON YOUNGSTERS ENJOY SPACE CHAT

Youngsters at Henley Middle School in Klamath Falls, Oregon, spoke this week via Amateur Radio with astronaut Susan Helms, KC7NHZ, aboard the International Space Station. Using the NA1SS call sign, Helms answered a dozen questions from the students--several of them also amateurs--during the June 12 QSO.

The Henley Middle School schedule, bumped from last week, was handled via a telebridge with Tony Hutchison, VK5ZAI, in South Australia. In Oregon, teacher Walter Jones Jr., KC7HEX, coordinated a group of 11 youngsters in grades three through 10 from the Henley Elementary, Middle and High schools. Many of the youngsters belong to the Klamath County Schools Amateur Radio Club, KC7VWW. Jones said all 400 middle school students got to listen in via the school's public address system.

Helms told the students that the Expedition Two crew has been conducting an "unofficial experiment" growing onion plants aboard the ISS. She said the onions arrived aboard a recent Russian supply ship. The crew wrapped the vegetables in wet wash cloths and attached them to the wall of the space station where they're now sprouting, she said.

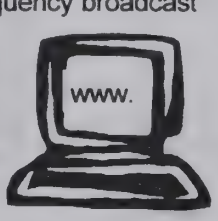
She also addressed a question about the possibility that the ISS might encounter another object in space. "There is a lot of space stuff out here," she said. "We just have not seen it." She speculated that most of the space debris was in a higher or lower orbit than the ISS, and it has not yet presented a problem. Helms also said that ISS crew members no longer had to suck their meals through tubes. "We actually have fairly civilized food," she said, "like you could get at the grocery store."

Jones said most of the participating students had taken a class at the middle school, "Introduction to Amateur Radio," and have earned their ham tickets. He said response to the successful contact was extremely positive. "Everybody was ecstatic," he said. "Everybody had butterflies at first, but it went off perfectly."

The Henley Middle School has a Web site, http://www.jonesclan.com/amateur_radio/Klamath_County_Schools_ARC.htm

WWV SURVEY NOW AVAILABLE ON THE WEB

The National Institute of Standards and Technology survey seeking information on how WWV and WWVH listeners use the standard time and frequency broadcast services now is available on the Web. The survey is posted at http://www.timesurvey.nist.gov/. It's also available as a printable PDF or HTML file.



The survey has been available as a hard-copy, mail-in version and promoted via WWV broadcasts. WWV Station Manager John Lowe says that more than 400 completed surveys have been received so far by mai "This proves the radio community is large and very a tive," he said.

NIST says the survey should take just a few utes to complete. The survey deadline is September

According to Lowe, the last WWV-WWVH us survey was done in 1985. He confirmed that the data lected ultimately could be used to determine whether WWV and WWVH remain on the air--especially given popularity of NIST's other outlets, including its Web-based time server that gets in excess of 3 million hits day. Lowe strongly encouraged WWV and WWVH us to send in a survey, but he has suggested that more weight will be given to survey responses from corpor and institutional users of the radio service than to indi viduals.

WWV in Ft Collins, Colorado, and WWVH or Kauai, Hawaii, broadcast continuous time and freque information to millions of listeners worldwide. Inform tion broadcast includes time announcements, stan time intervals, standard frequencies, UT1 time co rections, a BCD time code, geophysical alerts, rine storm warnings, and Global Positioning S tem status reports.

For more information, contact John Lowe, lowe@boulder.nist.gov.

ALINCO STILL CATCHING UP WITH SERVICE ISSUES FOLLOWING MOVE

The transfer of Alinco's distribution system fr California to ATOC Amateur Distributing in Ohio is n complete, according to Craig Cota, a principal with ATOC. Complicating the transfer was the fact that th Dayton Hamvention occurred as the transition was ta place. "Our timing couldn't have been worse," said C "We were literally unloading a moving van, and drivi merchandise directly to the dealers at the show." On pect of the transfer still pending is the service functic "We had hoped to have factory training personnel w with our staff in the transition. Unfortunately, plans w delayed," said Cota. "We will continue to honor warr claims, even if the warranty expires during the transi period." For More Information: http://www.alinco.com html .

ELEVEN YEAR-OLD HAM GETS LIFE MEMBERSH AND 60-YEAR PLAQUE

Ryan Rose, K3RLR, of Pasadena, Marylan more than he bargained for at the Dayton Hamventi Originally licensed in May 1999 as a Novice--KB3D Ryan now holds a General ticket. This year at Hamv tion he took out an ARRL life membership (thanks t dad, Bob, AA3RR). Due to a vendor error, Ryan's pl credited the 11-year-old with 60 years of membersh stead of Life Membership! The problem was correct and the correct Life Membership plaque arrived a fe days later.

ISS COMMANDER FRANK CULBERTSON IS NOW KD5OPQ

The latest NASA astronaut to become an Amateur Radio operator is the commander of Expedition 3, Frank Culbertson, KD5OPQ. Joining him on the International Space Station as part of the Expedition 3 crew will be cosmonauts Mikhail Turin and Vladimir Dezhurov, who will also have Amateur Radio licenses prior to launch. Culbertson has logged over 344 hours in space. Shuttle Mission STS-105, scheduled to fly in August, will ferry Commander Culbertson to the ISS. It will return with Expedition 2 crewmembers Susan Helms, KC7NHZ; Yury Usachev, RW3FU; and James Voss who have spoken via Amateur Radio with students in 15 schools during scheduled ARISS QSOs.

WESTERN WASHINGTON DX CLUB TO HOST NORTHWEST DX CONVENTION

The Western Washington DX Club will host the Northwest DX Convention--DXing in the 21st Century!--in Seattle, Washington, July 20-22 at the Everett Holiday Inn. Speakers include Bill Fisher, W4AN; Carl Luetzelschwab, K9LA; DXCC Manager Bill Moore, NC1L; Garry Shapiro, NI6T and NCJ Editor Dennis Motschenbacher, K7BV. DX videos will be shown hourly. Send questions to convention@wwdxc.org or to WWDXC, PO Box 395, Mercer Island, WA 98040. For on-line registration and the up to date convention agenda, visit the WWDXC Web site, http://www.wwdxc.org/convention .

ARRL ASKS FCC TO INVESTIGATE LONG-RANGE CORDLESS TELEPHONE SALES

The ARRL has asked the FCC to investigate and "take appropriate action" against several companies it alleges have been marketing so-called "long-range cordless telephones" via the Internet. The ARRL took the action in the wake of an interference complaint and numerous reports from the amateur community about sales of the devices, some operating on amateur VHF and UHF frequencies.

ARRL General Counsel Chris Imlay, W3KD, said the League was seeking the FCC probe because the apparently uncertificated devices operate on amateur bands and are capable of interfering with amateur communication. He also noted that the devices are not likely to meet maximum permissible exposure levels for RF.

"ARRL has not been able to locate any FCC certification for these devices and, based on the advertised frequency bands and ranges, it is believed that none of these devices could be certificated, or legally marketed or sold, under FCC rules," Imlay wrote. The League said some of the companies may be selling similar wireless products that may operate on amateur or restricted bands.

The letter was addressed to FCC Enforcement Bureau Chief David Solomon as well as to Raymond LaForge of the FCC's Office of Engineering and Technology's Equipment Authorization Division and to FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth.

Imlay said the ARRL also is looking into the marketing of products such as 434-MHz video surveillance equipment and other "apparently non-certificated devices" that use amateur frequencies but are being marketed in the US to non-amateurs.

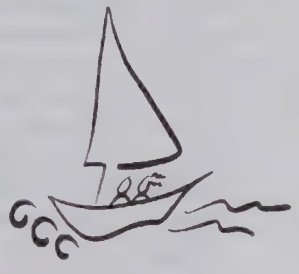
The ARRL was able to obtain one of the long-distance cordless telephones for testing. The device, made in China and bearing no FCC identification number or label, operates near 147 MHz with an output power greater than 3 W. Other such phones are advertised as having ranges of up to 100 km operating at power levels of up to 35 W on VHF and UHF.

ARRL Lab Supervisor Ed Hare, W1RFI, said he's received at least one report of actual harmful interference from a long-range cordless telephone to amateur communication. The amateur reporting it tracked the telephone to the home of a neighbor, who said he'd bought the device on eBay.

Hare said some long-range devices are legally certificated to operate on the 900 MHz or 2450 MHz Part 15 bands. Hare invited reports of unlicensed devices causing actual harmful interference to Amateur Radio operation to rfi@arrl.org.

ROUND-THE-WORLD HAM-SAILOR IS ON THE HOME STRETCH

Ham-sailor David Clark, KB6TAM, arrived May 30 on Fernando de Noronha and said all is well. He expects to resume his sail in a couple of days and plans to reach Fortaleza--some 350 miles distant--by early next week. Clark recently had departed Ascension after a brief stop. He's now is on the home stretch of his quest to be the oldest person to sail solo around the world.



Clark, who turned 77 on May 17, is hoping to make Fort Lauderdale by July. He is keeping in touch with wife, Lynda, and others primarily via ham radio phone patches. Fred Moore, W3ZU, has been running phone patches for Clark while Bob Reed, N6HGG, has also been keeping regular radio schedules with Clark since he departed Ascension. Both expect to continue working Clark short-path, now that he is nearer his Florida target.

Clark survived a disaster in February that sank his original sailboat, the Mollie Milar. His beloved canine companion Mickey was lost during the rescue efforts. Corporate sponsors and helpful hams in South Africa and elsewhere got him back into blue water with another sailboat--which he named Mickey in honor of his lost companion.

Clark reports the new vessel continues to handle well with no major problems. While in Ascension, he picked up a new autopilot and was invited by new friends on a neighboring yacht to celebrate his birthday, May 17, with a dinner party ashore.

For more information on Clark's journey, visit http://www.dclark.com and http://www.captainclark.com

FCC SETS ASIDE LICENSE GRANT, ISSUES SHORT-TERM LICENSE

The FCC has set aside a recent license grant to a Florida man and issued a short-term grant in the case of an Illinois amateur. The two cases are among several recent FCC enforcement actions.

FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth said the Commission has set aside the Technician license of Joseph E. Mattern, KG4NGG, of Orlando. A former Tech Plus licensee--WW4WJD--who didn't make it past FCC-required retesting last year, Mattern was the subject of past FCC enforcement attention. He was relicensed on May 3.

"He was only back on the air for a few days before complaints started coming in, including one alleging use of a false call sign," Hollingsworth told ARRL. "He also was asked by the control operator to stay off several repeaters in the Orlando area."

In a May 16 letter, Hollingsworth said Mattern's Technician application now reverts to pending status. He said the latest complaints have been referred to the Enforcement Bureau for evaluation.

In an unrelated action, the FCC has issued a short-term license grant to General licensee Reyes Lugo, KB9YDM, of Chicago. Like Mattern, Lugo--who once held an Extra class ticket, NP3N--has a track record with the FCC's Enforcement Bureau. Last summer, he was requested to retake the Extra exam but passed only the Morse code element and his license was canceled.

Lugo subsequently retested and was granted KB9YDM. The FCC set aside the grant while it investigated complaints it had received about Lugo's radio operations. The Commission said those allegations had "raised questions" about Lugo's qualifications to hold an amateur license.

Hollingsworth informed Lugo on May 10 that the FCC was granting his General application for one year. After that, Hollingsworth said, Lugo would be allowed to renew, provided there were no violations of any sort on any frequency.

FCC PUTS PAPER ON PAR WITH E-FILING FOR VANITIES

The FCC has put paper vanity call sign applications on an equal footing with electronic filings in terms of processing priority. The change was instituted a few months ago, according to Bill Cross, W3TN, of the Wireless Telecommunications Bureau, who spoke May 20 at the Dayton Hamvention FCC forum. Previously, the FCC had given priority to electronic applications for vanity call signs. "There is no preference anymore for electronically filed vanity applications," Cross said. "What they do now is key them in all together, and then the paper-filed applications have the same chance of being selected as the electronically filed ones." Vanity applicants should be familiar with acceptable call sign formats before filing. Cross warned that applications seeking unavailable call sign formats will be dismissed.

BBC TO DROP NORTH AMERICAN SHORT-WAV TRANSMISSIONS

The BBC World Service says it's eliminating English short-wave transmissions to North America tralia, New Zealand and the Pacific Islands on July "The Beeb" says it will focus its delivery in English FM and medium-wave "re-broadcasting partnership gether with 24-hour on-line audio service. "We know our listeners have migrated away from short-wave are now accessing us on FM, via the Internet and a some areas on satellite, cable and on mobile device the BBC said. "In the US, three times as many peop ten to us on FM as on short-wave, and one and a h lion users access on-line each month." The BBC sa money saved by closing short-wave transmissions North America will go towards funding its investmen future technologies. It's been reported that the mov save the BBC some $700,000 a year.

FCC TO AMATEURS: DETAILED REGULATION IN THE PICTURE"

The FCC says the ball is in the court of the teur Service to determine the course of future Amat Radio regulation. Speaking May 20 at the Dayton H vention FCC forum, Bill Cross, W3TN, of the FCC's less Telecommunications Bureau, said that the day Commission-imposed regulation are past.

"Detailed regulation of the nitty gritty of com cation services, including the Amateur Service, is n the picture," Cross said. "Rather, the FCC is shifting strong and effective enforcement of truly necessary lations." The FCC, he said, now plans to look to the teur community to reach consensus on any new reg tions it thinks it wants and needs.

"I hope that those of you who are thinking a asking us to carve up a band by fiat will think again, told the packed forum. "You really are asking us to your hands regarding your use of your spectrum."

Before the FCC initiates any rulemaking pro ings in the Amateur Service to change privileges, C said it wants to see proposals involving the impleme tion of "new and more modern communications tech gies," such as digital. In addition, he said, any future posal "must include all licensees, and it must includ bands," and--most important--the amateur commun must reach a consensus on the topic.

Cross said the FCC does not want and can handle "multiple proceedings that address piecemea changes in operating privileges" that affect only cer classes of licensees or certain bands. "You, collecti need to reach agreement on how you want to use y spectrum," he reiterated.

Cross said he expected the issue of restruc operator privileges to come up "in a couple of years the outside. "Changes in operating privileges for the ferent classes of operator licenses are inevitable," h said.

KACHINA EXITS THE AMATEUR RADIO, HF MARKET

Kachina--which made a big splash at the 1997 Dayton Hamvention when it introduced its then-revolutionary 505DSP PC-controlled Amateur Radio transceiver--has quit the ham radio market. The Arizona manufacturer discontinued production and marketing of the 505DSP, its only ham product, and all other HF radio products and accessories, effective May 24.

Kachina Vice President Cameron Earnshaw blamed "the slowdown in Amateur Radio in general, and HF radio in particular" for the company's decision to exit the HF market. "Any radio selling for over $1000 is a pretty hard sell these days," he said. The Kachina 505DSP, the first amateur transceiver designed solely for control via a personal computer, has retailed in the vicinity of $2000.

"Unfortunately, the 505DSP was too expensive to produce," he told ARRL. "For that we have only ourselves to blame. Performance costs money, but you really limit your sales when you cross that $1000-$1200 mark."

Earnshaw said he does not know how the Japanese manufacturers continue to produce and market top-end Amateur Radio gear. He suggested they must be doing so "out of a labor of love, supporting the losses from other more-profitable ventures."

Earnshaw said Kachina will continue to provide service and spare parts for all Kachina HF radio products for the foreseeable future and will honor all factory warranties through their duration. Amateur Radio products remaining in Kachina's inventory were being discounted through Kachina's Web site, http://kachina-az.com.

Kachina Chief Engineer Doug Smith, KF6DX, said he's sad to see the product line come to an end. "Some might say that this is another blow to Amateur Radio, but I would say it is just an indicator of the need to adapt to changing conditions," he said. "The Amateur Radio Service should see several exciting developments in the coming years, including digital voice, high-speed digital modes, remote control and further improvements in so-called software-defined radios, to name a few."

Smith says he'll be moving on "to greener pastures," but will continue to edit QEX/Communications Quarterly for the ARRL.

KENTUCKY AMATEUR DIES INSTALLING ANTENNA

A Kentucky Amateur Radio Emergency Service member died May 20 while installing a 2-meter antenna he'd just bought at the Dayton Hamvention. According to ARRL Kentucky Section Emergency Coordinator Ron Dodson, KA4MAP, Ronald L. Oller, KG4JVT, of Irvington, died when the groundplane antenna he was installing fell onto the overhead electrical service line to his house. He had been a ham for about eight months.



Dodson said Oller and a teenaged friend, John Betner, KG4LHQ, had purchased new 2-meter groundplanes at the Hamvention. The pair already had installed one of the units at Betner's home and were in the process of raising Oller's antenna when the incident occurred. Betner was not injured and summoned help for his friend.

Dodson said Oller had a history of heart trouble but said he did not know if that was a factor in his death.

Dodson described Oller as "one of the most enthusiastic hams I have ever met" and as "a generous individual who loved to be helpful in spite of his heart ailment." Earlier in the weekend, Oller had traveled to Dayton Hamvention on a chartered bus with other amateurs from Kentucky's Meade, Breckinridge, Jefferson and surrounding counties.

Oller got his license last October and became involved in public service and, as AAT4YQ/T, in the Military Affiliate Radio System. He also had "elmered" the 16-year-old Betner when he studied for his license.

"It can happen to any of us at any time," said Dodson, who advised caution when installing antennas. "It's too late to help Ron, but, please, let's not lose anyone else to such a terrible tragedy."

CANADA MAKES 5 WPM OFFICIAL

Canadian Basic operators with 5 WPM credit now have full HF Amateur Radio privileges. Effective May 19, Industry Canada has amended the Technical Requirements set out in the Radiocommunication Information Circular 2, "Standards for the Operation of Radio Stations in the Amateur Radio Service." The IC grants full operating privileges in all Amateur Radio frequency bands below 30 MHz to operators holding the Basic plus 5 WPM Morse code qualification. Copies of the revised RIC-2 are available from the Industry Canada Web site, http://strategis.gc.ca/SSG/sf01226e.html .–RAC

FCC REITERATES LICENSE RENEWAL AND MODIFICATION BASICS

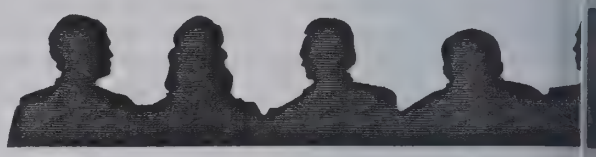
The FCC took advantage of the Dayton Hamvention FCC forum to remind Amateur Service licensees that license renewal and modification now is done via the Universal Licensing System–or ULS. The ULS is accessible via the FCC ULS Web site, http://www.fcc.gov/wtb/uls. Bill Cross, W3TN, of the FCC's Wireless Telecommunications Bureau noted that Amateur Radio licenses may not be renewed any sooner than 90 days prior to license expiration. When only changing an address, he said, licensees should choose the "Administrative Update" (AU) option. When renewing only, he said, choose "Renewal Only" (RO). To change an address while renewing your license within the 90-day window, select the "Renewal/Modification" option. An application requesting renewal that's outside the 90-day window will be dismissed, Cross said. Modifications no longer automatically result in a new ten-year license term. Call sign changes are not made unless requested by the licensee. Cross said amateur applicants needing assistance or who believe they have made an error on an application they've filed should contact the ULS help desk, ulshelp@fcc.gov.

MEETING MINUTES

Radio Club of Tacoma
Board Meeting
6 June 2001

The meeting started at 7:30 PM by President Mick Pier, KK7QS.
The minutes were approved as printed in the Bark.
Correspondence: Newsletters, address corrections, renewals, bank statements, political flyers, and ads.
Treasurer: Report published in the Bark. Copies of spread sheet on table. Web site fee paid for 2 years.

Committee Reports:
Field Day: Jerry, W7BUN, reported that we still have some open bands, and still need shelters. A discussion ensued on bonus points.
Reports were interrupted to hear a guest speaker. Carol Lovy, owner of the medical building east of our property, spoke of being able to allow her employees to park in our lot, and what she might be able to offer in return. Discussion followed and further checking will be done on legal aspects of the proposed use.
Repeaters: There was discussion on continuing problems with the repeaters.
Training: Last class, except CW, is almost finished. It will be the last one until fall.
Flea Market: We are working on getting more commercial vendors.
Fair: Jill, K7JIL is the new chairperson of this committee.
Museum: Was vacuumed, but too thoroughly.
Special Event Committee: The 85th anniversary special event station will run from 4 P.M. Oct. 19th through 4 P.M. Oct. 21st. The club's first meeting was Oct. 20th 1916 and we have been active continuously since then, not even breaking for the World Wars.
Old Business:
Beam: It is planned to take the beam antenna down on the 16th of June, which is the same day as the practice antenna setup for Field Day. If it is available and time permits, the new beam will also be installed.
Garage roof: Mick, KK7QS, will pick up materials so repairs can be made.
W7DK at the Beach will be held this Sunday, 10 June 2001. Don't forget to come have fun and eat real New York hotdogs.
New Business: None reported.
Good of the Order: Worth, W7WG, reported that the attempt to put a picture in the Bark did not work well. Mick will try to work out the problem.
Al Burleson reported on starting getting the committee books made. Discussion followed on this.
In Attendance: Mick, KK7QS; Morel, W6LIX; Ed KC7OKS; Roger, WA7ANJ; Jerry, W7BUN; Al, K7HW; Jill, K7JIL; Frank, AC7JY; George,KK7FM; Rich, N7ANF; Pete, KK7QW; Worth, W7WG; Bud, K7I Carol Lovy, No Call; Joyce, No Call.
Adjourned at 9:03 PM.



TREASURER'S REPO

de Roger, KA7A

MAY REPORT

GENERAL FUND:
INCOME

FLD DAY	$8.88
DUES	$604.00
CLASSES	$56.06
TOTAL	$668.94

EXPENSES

CLASSES	$29.06
MAIL	$234.00
PHONE	$61.96
WEB SITE	$63.00
UTILITIES	$331.19
FEES	$32.00
TOTAL	$751.21

NET: *-($82.27)*
Loss for May '01

SUSPENSE FUND:
INCOME

B00KS	$341.00
ARRL Dues	$53.00
TOTAL	$394.00

EXPENSES

ARRL Dues	$51.00

NET: *$343.00*
profit for May '01

TOTAL GAIN $260.73

ELMER TODAY VOLUNTEER!

SPECIAL SERVICE CLUB

Radio Club of Tacoma
General Membership Meeting
13 June 2001

The meeting started at 7:35 PM, with the flag salute led by Mick, KK7QS.

Introductions were made around the room. Scott, KD7KQA, upgraded to Amateur Extra. Matt Jones, KC8OPD, was welcomed as a new member.

Health and Welfare, Silent Key: Ned Johnson, W7EPE, former member, SK. Rich, N7ANF, reported a case of mental lapse. He accidentally deprogrammed his HT. Mick, KK7QS, reported he had done the same to his computer.

Correspondence: A bill for the P.O. Box, advertisements, renewals, address corrections, new postal rate chart.

Treasurer: Report in the Bark.

Mick, KK7QS, reported on a Russian ham that is visiting the area. We will try to get him to a meeting and maybe to a Saturday open house.

Committee Reports:

Special Event Committee: Mick reported that the planning for the 85th anniversary special event station is coming along well. We applied for a special call for it. It will be in celebration of our 85th year of continuous operation. Mick also reported that the materials for repairing the ***garage roof*** have been purchased.

Jerry, W7BUN, made an announcement on the upcoming military ***tower raising training*** this Saturday, 16 June, in preparation for Field Day. Also announced was that we would try to replace the ***beam*** on Saturday.

Jerry reported on ***coming programs***. - 27 June: How Computer CPUs and Operating Systems Work;
11 July: DXpedition video to St Peter and Paul Rocks. Jerry also would welcome any suggestions on future programs.

Program: Presented by Jerry, W7BUN. Field Day planning

Old Business: The use of our parking lot by the medical clinic doesn't look feasible due to legal and other considerations.

Lynn, KB6OKS, reminded us of the ***10-meter net***, 28.375 MHz upper sideband on Sundays at 8 P.M.

New Business: Tour de Pierce this weekend. We still need volunteers.

Hints and Kinks: George, KA7HGE, asked for help on a RFI problem involving a neighbor's stereo. Several suggestions were made. Some were practical.

Good of the Order: 50/50 drawing, won by Dan, KD7HYV. He won $25.50.

31 people signed the attendance sheet. Ed, KC7OKS, suggested that we use our repeaters and other contacts to talk up the club. New member Matt, KC8OPD, heard about us on the air on Tuesday.

Adjourned at 8:44 PM.

ARRL MEMBERSHIP

If you haven't joined or rejoined the ARRL, please do so through the Radio Club of Tacoma! The ARRL is the major voice for Amateur Radio in the US and, besides providing a wealth of information to its members, they provide us with a voice in Washington to help protect the interests of all amateurs. Additionally, RCT is an ARRL Special Service Club and RCT needs to have at least 51% of its members belong to the ARRL to retain its Special Service Club status. See the Treasurer for application forms, and bring your ARRL renewal notices and rejoin through the club. The club receives a commission for each new or renewed membership sent through the club.

JOIN TODAY!

See our club treasurer for details.



RCT JACKETS AVAILABLE NOW

COLOR: Royal blue with bright yellow logo screen print on the back and bright yellow name and call on the left front of the jacket.
SIZES Small through XL ARE $39, XXL ARE $46 AND XXXL ARE $52.00.
GET ONE NOW!
Call Shirley, N7QHW, at 253-265-3661, to order yours today!

AREA SWAP MEETS

20-22 Jul 2001
Montana State Convention East Glacier, MT
Contact: Gerry Leach, VE6BVZ
55 Templegreen Place NE
Calgary, AB, Canada T1Y 4Z2
Phone: 403-285-5547
Email: leachg@cadvision.com

20-22 Jul 2001
Pacific Northwest DX Convention Everett, WA
http://www.wwdxc.org/convention
Contact: Ward Silver, N0AX
22916 107th Avenue SW
Vashon Island, WA 98070
Phone: 206-463-9173
Email: hwardsil@wolfenet.com

4-5 Aug 2001
Eastern Washington Section Convention Spokane, WA
Contact: William Craze, KC7YSF
1727 Northwest Blvd., #16
Spokane, WA 99205
Phone: 509-326-5353
Email: warchief@cet.com

11 Aug 2001
Lower Columbia ARA Longview, WA
http://www.qsl.net/nc7p/swapmeet.htm
Contact: Bob Morehouse, KB7ADO
2437 Allen Street
Kelso, WA 98626
Phone: 360-425-6076 (after 6 PM weekdays)
Email: kb7ado@aol.com

8 Sep 2001
Radio Club of Tacoma Graham, WA
http://www.w7dk.org
Contact: Lou Simmons, KB7WDB
21915 78th Avenue East
Graham, WA 98338
Phone: 253-847-5124
Email: kb7wdb@juno.com

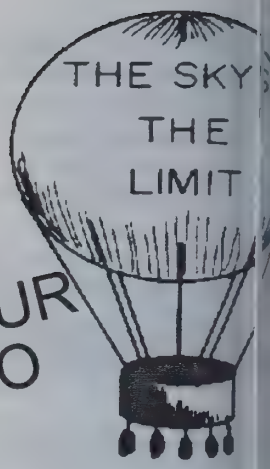
30 Sep 2001
Chehalis Valley ARS Chehalis, WA
http://www.cvars.org
Contact: Bill Harwell, KC7QHJ
Phone: 360-748-8086
Email: kc7qhj@arrl.net

13 Oct 2001
North Kitsap ARC Bremerton, WA
http://www.silverlink.net/nkarc/hamfest.html
Contact: Susan Johnson, AB7MD
Phone: 360-697-9379
Email: nkarc@yahoo.com

20 Oct 2001
Mid-Valley ARES Rickreall, OR
http://www.teleport.com/~binder/swap.html
Contact: Bud Smith, N7BUD
Phone: 503-838-0266 Fax: 503-838-0262
Email: n7bud@arrl.net

SCHEDULE YOUR SWAPMEET VISIT

JULY CONTESTS



1
Canada Day Contest

14-15
IARU HF World Championship. See A
2001 *QST*, page 111.
QRP ARCI Summer Homebrew Sprint
FISTS CW Summer Sprint
CQ WW VHF Contest, 6 and 2 meters
Six Club Six-Meter Sprint
Georgia QSO Party
North American QSO Party, RTTY

28-29
RSGB Islands-On-The-Air Contest



Want more info, check
www.arrl.org/contests

Radio Club of Tacoma License Ex

JULY 10, 2001
7 PM RCT Clubhouse
1249 S Washington in Tacoma
Bring original and copy of license, any CSCE, ph
pen, pencil/eraser, calculator, and a check made
ARRL/VEC for $6.65. For information call:
Shirley Murphy, N7QHW @ 253-265-3661
Fee as of Jan. 2001 – $10

Editor's Notes

E-Mail address: kathleen@naceplace.com

SEAPAC was fun! GET READY for the FAIR,
FLEA MARKET and the ANNIVERSARY STA
TION! Happy summer! Kathleen, NØEYK

BOY SCOUT CAMPOREE

Ft. Lewis, May 19, 2001

A while back, I asked the Boy Scout headquarters about getting the word out that we would like to help interested boys get started in Ham Radio. Recently, I was asked if we could "bring ham radio to the scouts". It turned out to be a mini field day exercise. Each spring, the Boy Scouts hold a major gathering of scouts from the Northwest at Fort Lewis. There are a number of planned and organized activities but also opportunities to explore other appropriate activities, including, this year, ham radio. Each year, this event brings together between 2,500 and 3,500 people (including cub scouts, boy scouts, parents, adult leaders, and support staff).

During the planning stages, I asked for a site with some tall trees adjacent to the "midway" where the exhibitors were (that area had no trees). The place we were given would be a near perfect Field Day location. Unfortunately, we were just far enough out of the mainstream that we didn't compete very well with the rock climbing wall and knife throwing, etc. out on the midway.

On Friday afternoon, Frank AC7JY, with perfect slingshot marksmanship, positioned dipole supports over the very top of two tall trees. In addition, he brought a ground-mounted vertical, which tuned up nicely on 20 meters. I brought my Alinco DX-70, a tuner and a storage battery. I also brought a QRP rig but never used it.

The first contact Saturday morning was with Singapore, followed by a special event station celebrating a California club's 50th anniversary. It was probably rude of me to tell them that we are preparing for our 85th. At midday, Lynn, KB6OKS, appeared with a working teletype machine (and small generator), borrowed from George Hutchison, W7KSJ, who sent greetings and chili recipes to the scouts throughout the afternoon. About the same time, Paul, KC7QNQ, ARES coordinator for hospitals in Pierce County, arrived with an APRS demonstration. Frank, AC7JY, Jill, K7JIL, and Roger, WA7ANJ, provided strong support throughout the day.

After supper, Worth, W7WG, was found wandering around the camp after being misdirected to search and rescue and several other places. The site was mostly dismantled by then but the rig and the dipole were still there. Worth checked in with the "Whiskey Group" and, as if by magic, small groups of scouts began to appear from the shadows. Tom, N7QHX, and Rich, N7ANF, and the members of the "Whiskey Group" did a wonderful job of getting the boys talking on the radio.

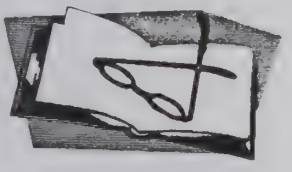
Although the number of boys who visited our site was smaller than I had hoped, I feel the event was a success. First, we gave a number of Scouts good exposure to ham radio. One scoutmaster, who has been inactive ham for many years, thought he would become active again because of the enthusiastic way his boys took to the radio. Second, we gained valuable experience for doing this again in the future. Third, I think we gained some credibility and visibility with the Boy Scouts organization. One of the staff offered us the opportunity to pick a prime location for next year. Finally, I had a good time. I learned some things. I got to play with some neat people. And I got to work with a "real" antenna.

I am really grateful to all the people who helped make this a great event. I am looking forward to next year and hoping that even more people will join us because I expect we will demonstrate ham radio to many more kids. In the meantime, we can build on this experience with the Jamboree on the Air (JOTA) in October. And, lest I be accused of being sexist, we need to begin looking into providing opportunities to the Girl Scouts also.

George Noble KK7FM

Amateur Radio Exams

in the Puget Sound Region as of February 2001



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

2nd Tuesday - 7:00 PM - Radio Club of* Tacoma *Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Bill Thompson, K7OLY, Tumwater, 360-236-9048

2nd Saturday - 10 AM - **Tukwila** - Telephone Wireless Pioneer's Museum, 7000 W. Marginal Way, Contact Mary Lewis, W7QGP, 206-523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 Tobin Street - Contact Jan VanAllen, K7YH, in Kent, at 206-824-9039.

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

3rd Saturday - 10 AM - **Shelton** - Shelton Airport - Contact - Dick Bostrom, N7LD, 360-426-4627, Shelton

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Bill Thompson, K7OLY, Tumwater, 360-236-9048

4th Saturday - 10 AM - **Everett** - Everett Housing Authority - 14th and Popular - Contact Loren Hole, KK7M, 425-335-5158, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Walt Winters, AA7TL, 360-692-8326, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - 253-845-7652

QST QST QST

From the W7DK Club Station

HF Net every SUNDAY 28.375 MHz USB 2000 Hrs. Local

Summer is here and with the nice weather now is a good time to do a bit of work at the club station. On Saturday, June 16th, the tri-band beam was removed from the tower and is now resting in a safe location at ground level. The replacement antenna has not been prepared for installation as of this time. We hope to have a new beam in place before you read next month's issue of the BARK. The club station is still operable, using the wire antenna. I have prepared a tuning chart for presetting the antenna tuner for all the bands. It is located on the table top just to the right of the transceiver. Of course, fine-tuning the settings is necessary using the SWR meter that is built into the radio. The wire antenna is selected using the antenna selector switch set to 40/80 meter position, and with proper setting of the tuner all the ham bands on HF can be used. The position marked for the beam is not connected to an antenna at this time. **DO NOT USE THIS SETTING**. A tag has been installed and will be removed once the new antenna has been installed and is operational. I will keep you posted here as changes are made to the station configuration. My thanks to the tower climbing and ground crew for removing the antenna. The Ten Meter Net is going very well and I would like to thank all that have checked in and provided support in making the net a success. I will have the names of all that have participated each month published here in the BARK. As a reminder, I do have a 10-meter loaner rig to lend out. I will help you set up and get on the air. Please remember to tune in to the HF net on 28.375 MHz USB at 8 PM each Sunday evening and check in! If you can't transmit on HF, I am listening on 146.55 MHz simplex. Just transmit on 2 meters and listen on 10 meters. 73 for now and I hope to see you at Field Day.

Lynn, KB6OKS, Station Manager, 253-853-5973, or KB6OKS@JUNO.COM

MUSEUM MUSINGS

Hanging on the wall at our clubhouse is a clipping from an old Tacoma News Tribune. It's a full page for Sunday, October 10, 1971. On page A-20 is an article entitled, "Tacoma Hams Prepare for Homecoming," by Richard Sypher.

In this article, Dr. F. Clifford J. Spike, who at that time was the Radio Club of Tacoma's membership historian, said that he had mailed out 180 letters to former member[s] inviting them to the reunion and ice cream social at the clubhouse at 1249 S. Washington Street.

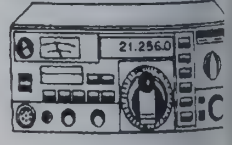
"The Radio Club of Tacoma is the oldest a[mateur] teur radio club in the United States, although this cla[im] has been disputed by a club in Milwaukee which sai[d] 'Let's see some authentication and we'll listen.'" "W[e] be happy to provide the necessary proof," Doc Spik[e] continued. Do any of you present members know the[se] tails? The Harvard University Amateur Radio Club a[lso] claimed to be the oldest in a recent CQ Magazine ar[ti]

The Radio Club held its first meeting on O[c]ber 20, 1916 at the home of Dwight Mason, but it wa[s] until 1931 that members moved into their first regula[r] clubhouse at South 14th and Oakes Streets. A 1917 photo of the club members lists Howard Reichert, Pr[e]dent; Dwight Mason, Vice President; Alvin Stenso[n], Treasurer; and Edwin Moe, Secretary. When World [War] broke out, all amateur stations were taken off the air[s] defense measure, but by 1919 the members were b[ack] on the air. In 1954 the Club moved into the Washing[ton] Street clubhouse, which had been bought by membe[rs]. In a June 21, 1917 copy of the Tacoma News Tribu[ne] Howard Reichert, the first President of the club, com[-] mented on an early success of his equipment, which [the] paper called his "wireless telephone." "I was listenin[g] on an ordinary wireless," Reichert said, "when I hear[d] music. I thought at first it was a band in the street, b[ut] there was nothing there. It took me some time to re[a]lize that it actually came though the receiver," he said. "[It] was an inventor in Algona who was experimenting w[ith] the wireless." A year earlier Lee de Forest, credited [in] 1907 with invention of the first audion, or vacuum tu[be], had set up a similar experimental radio-telephone st[a]tion to broadcast phonographic music picked up by doze[n] amateur wireless operators. Since the air waves at [that] time were not cluttered with stations as they are tod[ay] broadcasts of rudimentary programs, even at the am[a]teur level, often were heard coast to coast.

The 1971 article revealed that the Club ha[d] stockpiled a large amount of old equipment for even[tual] use in a museum and that members were adding an [ad]large room to their clubhouse for just such a purpos[e]. "We work on it, then we run out of money and stop, [and] then we work on it some more," Doc Spike, W7OS, [ex]plained. "Much of the equipment to be displayed in [the] new museum was shown at the recent [1971] Weste[rn] Washington Fair."

Our present Radio Club Museum / W7OS [on] the second floor is dedicated to the late Doc Spike, [who] was president of the Radio Club of Tacoma for seve[ral] years and an inspiration even longer. The October 1[971] article revealed at that time Doc was 71 years old an[d] had been a continuous member for the previous 55 years.

On the weekend of October 20, 2001 the Radio Club of Tacoma will celebrate its 85th anniversary with activities detailed elsewhere in this BARK.



SATURDAY SWAP AND SHOP

Swap and Shop, **Saturday July 28th**, at the clubhouse, from 10 AM to 2 PM. Bring items to sell (and money to buy!).



TUESDAY NIGHT NET MAY CHECK-INS

CALL	NUMBER OF CHEK-INS	NAME
K3ROT	1	BYRON
KD6ILO	1	MARIO
W6LIX	2	MOREL
KD7AAG	3	MARK
KK7AB	1	JIM
W7AEA	4	MAX
N7APP	1	BOB
KC7BAN	2	RANDI
KK7BI	1	CANDACE
KJ7BN.	2	MARILYN
AC7BU	5	AL
K7BUD	5	BUD
W7BUN	4	JERRY
K7DBU	1	JACK
N7DCJ	1	DAVE
W7DON	2	DON
W7EC	2	HAL
KK7FM	3	GEORGE
W7FJB	1	FRANK
KD7GOR	3	BILL
KD7GTZ	1	VERN
KD7IGY	4	WILMA
W7IMW	2	JACK
KA7IOX	3	SCOTT
K7JIL	4	JILL
KC7JME	5	NORA
AC7JY	4	FRANK
KD7KPY	1	KEITH
AC7KQ	3	RAY
KD7KQA	5	SCOTT
NN7L	1	JASON
AC7LK	3	JOHN
KD7LZL	4	GARFIELD
KD7LZS	1	CHUCK
KD7LZT	1	JOHN
KD7LZX	2	RICK
KA7MYU	1	LES
KD7NES	1	GWEN
WA7OHG	3	WADE
KC7OKS	2	ED
KC7OQW	1	JOHN
KC7PAI	2	KARL
KB7QAG	5	JEFF
N7QHW	4	SHIRLEY
N7QHX	4	TOM
N7QOZ	5	BOB
KK7QS	2	MICK
KK7QW	3	PETE
N7RHV	1	DICK
W7RW	3	ANDY
W7SKI	5	BOB
KG7SM	1	BOB
KB7SVX	4	JEAN
KC7SYW	1	MARY
AB7TW	1	BOB
KC7UFX	1	TOM
N7UNO	1	ALAN
KB7UXP	1	OWEN
KC7VUM	5	LOU
N7VXJ	1	DAN
KB7WDB	5	LOU
W7WG	3	WORTH
N7WGF	1	RUTH
N7WGM	2	DAVE
W7WIA	2	OLIVER
KB7YTJ	1	LORNA
WA9RMK	1	WILLARD

NET CONTROLS

MAY 1	KK7QS
MAY 8	AC7BU
MAY 15	K7BUD
MAY 22	K7BUD
MAY 29	W7BUN

ARRL RCT VE Team Report

In June 2001, we tested 22 candidates during our VE Team testing sessions. Out of the 22, nine people either upgraded their license or achieved a new license. Of the remaining 13, 11 were successful in passing the written portion of the requirements towards an upgrade and 2 people were not successful in their attempt to upgrade or achieve a new license.

Overall, there were 25 test elements given. 19 were passing and 6 failures for a percentage rate of 64% passing.

Congratulations to Radio Club of Tacoma members who upgraded.

- Bob Archer, N7APP, upgraded to Extra Class
- Scott Clausen, KD7KQA, upgraded to Extra Class
- Garfield Klinger, KC7LZL, upgraded to General Class
- Dick Strong, KB6PWR, upgraded to General Class
- Edith Strong, KB7KSY, upgraded to General Class
- Jean Treloar, KB7SVX, upgraded to General Class

Other achievements included 2 Technician Class licenses and 8 persons passed written General on their way to becoming General Class once that elusive Morse code is conquered. Congratulations to Radio Club members in this achievement: John Bryan, KD7LZT; Jason Carter, KD7LZU; Jeffrey Carter, KD7LZV; Jessica Carter, KD7LZW; and Victoria Carter, KD7TCX.

Congratulations to all and stay tuned for further exam testing results in the future.

73, Shirley, N7QHW

Flea Market! FAIR!

RADIO CLUB OF TACOMA

W7DK

ARRL — RADIO CLUB OF TACOMA — W7DK



AMATEUR RADIO Service around the world!

RADIO CLUB OF TACOMA–W7

ELECTRONICS FLEAMARKET

SATURDAY SEPTEMBER 8, 200

Admission $5 (16 and under FREE with an adult)
FRONTIER PARK (Pierce County Fair Grounds)
21718 Meridian Ave. E. Graham WA.
Open 9 a.m. to 3 p.m.

From I–5 take exit 127 to SR–512 E. Go 8.6 miles to SR–161. Turn righ to Meridian St. Go south 7 miles to Frontier Park on your right. We'll have signs out to greet you!

Visit us at www.W7DK.ORG for more Fleamarket informati

License Examinations on site at 10a.m.

On site Camping
Free showers for campers
Picnic area
Family Activities– Horseshoes, etc.

Ham gear
Commercial displays
Computers

FOR MORE INFO CALL:
Lou KB7WDB 253 847-5124
kb7wdb@juno.com
IF NO CONTACT:
Roger WA7ANJ 253 475–4293
rtwig@worldnet.att.net

Lots of FREE Parki
Plenty of Elbow ro
Bring the Family

AT THE COUNTRY STORE
CONSIGNMENT SALES
DEMOS(PSK-31)and more!
Radio and Antenna testing

THE ANTIQUE STATION W7OS WILL BE "ON THE AIR"

FEEL THE HEAT! SEE THE GLOW!

Talk-in on 147.38,pl103.5 No reservations after Sept. 1st. Tables will be available on site
SET UP TIME: 2P.M.–7:30P.M. Friday----- 6A.M.–8:30A.M. Saturday

RETURN THIS PORTION FOR TABLE RESERVATIONS ONLY

Make checks payable to: RCT
Mail to: Radio Club of Tacoma
Box 11188
Tacoma, Wa. 98411

Name_____
Call_____
Address_____
City_____
State/Zip_____
Phone_____

#	DESCRIPTION	$
	Non- Commercial Tables@ $20 each Includes One Seller Admission	
	Helper Admissions@ $5 each We reserve the right to limit number of helpers	
	Commercial Tables@ $30 each w/two helper admissions	
	TOTAL AMOUNT ENCLOSED	

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma, WA 98411

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RETURN SERVICE REQUESTED

COMING EVENTS



AUG 1 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

AUG 8 - Club Meeting - Library Administration Center, 7:30 PM
Program: **HAM RADIO 2001**

AUG 14 - License Exams - 7 PM - Clubhouse

AUG 15 - BARK deadline

AUG 22 - Club Meeting - Library Administration Center, 7:30 PM
Program: **KINGMAN REEF 2000**

AUG 25 - Swap and Shop - 10 AM to 2 PM, Clubhouse

- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- Check in on the 10 Meter Net every Sunday evening, 8 PM, on 28.375 MHz USB
- **See page 3 for meeting program schedule.** Check the weekly net for updates to the program schedule.

ENJOY SUMMER!

Commit to work at the flea market and/or the FAIR - SOON!

W7DK EVENTS

August 2001

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1 7:30 PM RCT BOARD MTG	2 Richard Watson *	3	4 Phillip Gendreau * 9:00 OPEN HOUSE 7:00 PM PINOCHLE POTLUCK
5 George Noble * Richard Heasty *	6 Frank Billington * George Coleman *	7 Ed Harwood Jr * Eva Anderson * 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	8 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH & WALLER RD	9 Ed Hardwood Sr *	10 Don Perry *	11 9:00 OPEN HOUSE
12 Raplh Millard * Jim Burns *	13	14 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	15	16 Jack Hegseth *	17 George Lightner *	18 9:00 OPEN HOUSE
19 Russ Donahue * Ed Hunziker *	20	21 Bob Crelling * 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	22 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH & WALLER RD	23	24 Nana Warburton * Ralph Fuller *	25 Swap and Shop 10 AM to 2 PM Clubhouse 9:00 OPEN HOUSE
26 Harold Fisher *	27 Marilyn Olson *	28 Jeff Bauman * 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	29 Harold Thompsson * Max Bice *	30	31 Candace Plumlee * Robert Ruby *	

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXVIII NR. 8 | W7DK | AUGUST 2001

FROM THE PRESIDENT

Mick, KK7QS

Hello fellow hams. Here it is the end of July already. So far we have had a pretty successful summer. Thanks to the coordinating efforts and hard work of Jerry, W7BUN, we had a good time at Field Day this year. We had 7 stations. There was a satellite station, an ATV station, an APRS station, a portable packet station, and seven phone and CW stations. All together we made 1565 QSOs and collected 1300 bonus points. We got bonus points for satellite contacts, ATV, packet, and APRS demonstrations. We also got points for having a visitor-greeting booth. We actually got visitors from the general public. One visitor said he saw our ad in the newspaper and followed our signs to the location. So publicity really does make a difference. We also had a visitor from the Department of Emergency Management, and one from the Tacoma News Tribune. As for the stations, we had a lot of interesting ideas being used. Lynn, KB6OKS, had a helium balloon lift a 1/4 wave 160 meter antenna. It was quite a sight. He made several contacts with it. Mario, KD6ILO, set up a very nice ATV station, and showed a lot of different ways to get your pictures on the air. They included a front mounted camera on his vehicle, a camera mounted on a bicycle helmet, and the standard tripod mounted camera. Mario also demonstrated and made four satellite contacts. We had a demonstration of APRS presented by Roger, K8RN. The food booth was operated by Rich, N7ANF, and Lynn, KB6OKS. None of this would have been possible if it weren't for the hard work of Larry, KC7YT, and Dick, KA7FXQ, who handled all the power needs. We don't want to forget all the people who showed up to help with set up and tear down. We had a very enthusiastic crew this year, and things went very smoothly. We got a little rain on Sunday but it didn't dampen the spirit of the crew. We had a lot of help for a quick tear down and put away. My thanks to Jerry and the crew who participated this year. We got the garage roof resurfaced. On Friday July 6th, Pete, KK7QW, and myself Mick, KK7QS, arrived at the clubhouse about 5 PM. Al, K7HW, met us there with his stripping shovel. Pete and I began stripping off the old shingles. The use of Al's shovel allowed the job go quickly for us. (Thanks Al). By about 7, we had all the old shingles on plastic tarps on the ground. The tarps sure helped make clean up easy. Next day we had a crew and a nail gun, loaned to me by my next door neighbor, to get the new roof nailed down. Thanks to Dick, KA7FXQ, Scott, KD7KQA, Gary, W7DO, John, AC7LK, Morel, W6LIX, George, KK7FM, Bud, K7BUD, and Pete, KK7QW, we were able to get the new roof installed, and we cleaned up the old shingles all in one day. Thanks to everyone that participated this month in all the club activities and hope to hear from you in August.

73, de KK7QS.

PS: We got a special 1x1 call assigned to us for the 85th anniversary special event station. We were unable to get W85DK. We did get W7K. We have the use of that call for 1 week. We should have a good time, so plan to join the celebration October 19-21. Full details next month.



IN THIS ISSUE...

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- ▶ **MUSEUM MUSINGS** - Page 5
- ▶ **ARES** - Page 4

RADIO CLUB OF TACOMA -- 1999

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V PRESIDENT	MOREL GUYOT	W6LIX	838-5433
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	WORTH GURLEY	W7WG	582-3844
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PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 253-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350 #14060, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please contact Jill Palmer, K7JIL, (253)539-1685 or e-mail, hamtalker2@aol.com

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.28 / .88 MHz **144.97 - Packet**
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Reinstatements

Address/Phone Changes/Corrections

Harry E. Ball, W7HHP
7109 87th Ave Ct SW
Lakewood, WA 98498

Dan McConnell, AJ7K
2809 Wilton Lane East
Fife, WA 98411 253-926-22

E-Mail Address Changes/Additions
New Calls/Upgrades

Dan McConnell, AJ7K DanM042@aol.

Silent Keys

Bill Reuter, W7KT



PINOCHL



PINOCHLE & POTLUC
See YOU in September!
For info call:
Jack, WA7ENB, & Marilyn M
253-759-4898

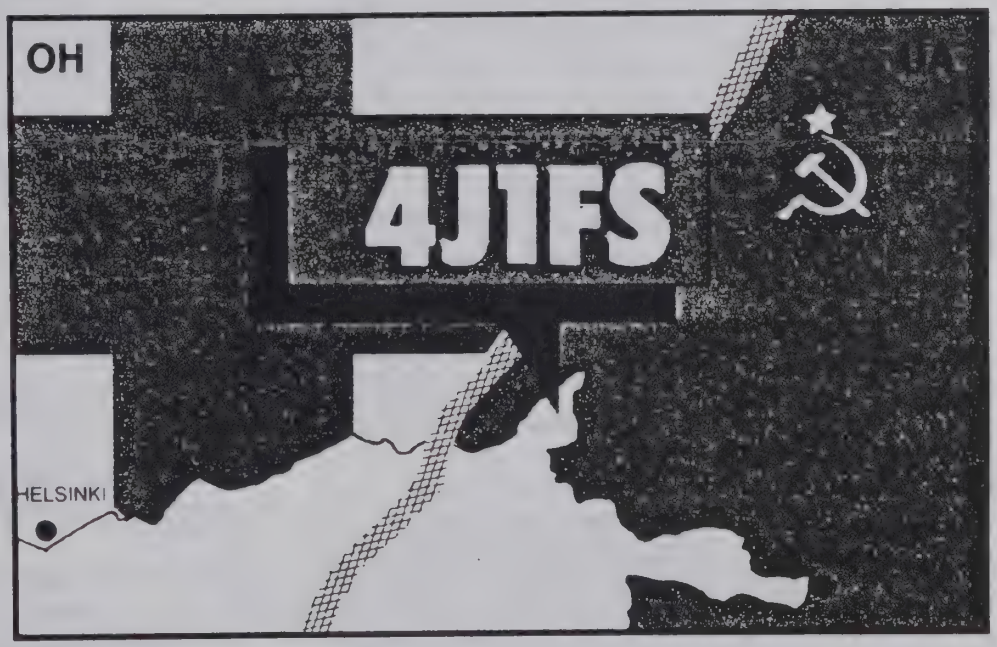
COMING PROGRAMS AT RCT

AUGUST 8TH - HAM RADIO 2001 - The Ham Radio 2001 gathering at Friedrichshafen, Germany, June 29-July 1, attracted some 18,000 visitors. Sponsored by the Deutscher Amateur Radio Club (DARC), this is the largest ham radio convention in Europe and the most international event of its type anywhere. John Ellingson, K7OSK, from Rochester, Washington, attended this year and will describe the event and show video images he recorded.

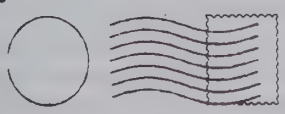
AUGUST 22ND - KINGMAN REEF 2000 - "You've read the book, now see the movie!"
This month's feature article and cover picture in QST is the story of the Kingman Reef DXpedition last October. An international team of 15 hams sailed to Kingman Reef, a mostly submerged coral reef near the equator south-southwest of Hawaii. In nine and a half days the team logged almost 81,000 QSOs, the third highest in DXpedition history, and the first using a boat-and-tent operation.

...and the QSL CARD for this month is...

Malyj Vysotyskij Island - M-V Island - is in Russian territory in the Baltic Sea. The island is a mile long, lush but desolate and uninhabited. In 1962, Finland leased M-V Island from the Soviet Union along with an adjacent canal, which serves as a gateway for shipping from Finland to the seven seas. In 1970, the ARRL established DXCC country status. In 1988, a group of Finnish and Russian hams activated M-V Island, 4J1FS, for its first ever operation making 14,765 contacts.



NEW ADDRESS? BE SURE TO LET THE CLUB KNOW TO CONTINUE RECEIVING YOUR BARK



ADDRESS CHANGES

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail.

Send changes to : Radio Club of Tacoma PO Box 11188 Tacoma, WA 98411-0188 or give them to Scott Clausen, KD7KQA, at meetings, telephone @ 253-925-8637 or email shbang@earthlink.net

If you are simply changing from your summer to winter address or vice versa you can notify Shirley Murphy, N7QHW, @ 253-265-3661 or email sundance@harbornet.com or Scott as indicated above.

ARES/RACES

...de Shirley Murphy, N7QHW



Remember, in times of need to tune into 145.37 MHz repeater and see if there is any activity. If help is needed, please break in with your call and volunteer to help. Don't wait for the phone to ring. Just get on the air and volunteer!

Public service events are, for the most part, completed for the year but there still may be a few left. It seems the amateurs are doing a great job and more requests are coming our way. I don't know of any specific events at the time of this writing but remember to stay tuned.

The contact person will continue to be Judy LaFleur, N7NII, at 253-847-5198 (leave a message and she will return your call) to volunteer for the event.

Many of you have volunteered to help during the events and I would like to extend a great big THANK YOU to each of you for your time and efforts. Also a big thanks for those of you who are helping out with the nets to keep them running as scheduled.

In the latest edition of the SKYWARN SPOTTER NEWS are some reminders for keeping our homes and businesses safe from wildfires.

- Build defensible space. Clear away debris and "litter" away from the structure, put up non-flammable r ing (not cedar shakes), remove tree limbs from near the ground and over the structure, and set up an irrigated "green" area around the structure. See www.firewise.org for more information on defensible space, plus much more. Building defensible space will not ensure your home or business is completely safe from an onrushing wildfire, but it increases the odds the structure will survive.

ARE YOU READ

Monitor weather forecasts by listening to o the NOAA Weather Radio stations or visiting the we at www.wrh.noaa.gov/seattle.

Please check your Department of Emerge Management (DEM) card to be sure it has not expir your card expires anytime between now and the end of 2001, fill out a new application and turn it in to Shirley Murphy, N7QHW for processing.



Do you want to get involved? Simply contact Alan Hughes, KB7SVU at 253-840-4947 and let him know.
73, Shirley, N7QHW

Radio Club of Tacoma License Exams

AUGUST 14, 2001
7 PM RCT Clubhouse
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $10. For information call: Shirley Murphy, N7QHW @ 253-265-3661

Editor's Notes

E-Mail address: kathleen@naceplace.com
GET READY for the FAIR, the FLEA MARKET and the ANNIVERSARY STATION! We are about to hit the road again. Watch for us on APRS on the Web — map.findu.com/k8rn Happy summer!
Kathleen, NØEYK

HEAR YE! HEAR YE!!

DO THE PUYALLU



The time is fast approaching for our organized efforts to staff the Radio Club booth at the Western Washington Fair in Puyallup. The sign up calendar will be available at meetings in July and August. If you want to sign up and cannot attend the meetings, contact Jill Palmer, at 253-539-1685 or via email at hamtalker2@aol.com. People e ready signing up so it is not too early.

If you want to volunteer and learn how to c this job, let me know.
73 and thanks Shirley, N7QHW

QST QST QST

From the W7DK Club Station

HF Net every SUNDAY 28.375 MHz USB 2000 Hrs. Local

Field day is now past and what a lot of fun it was! I hope that everyone that attended had as good a time as I did. The weather was great except for a bit of rain Sunday afternoon during the antenna take down process. Our next project is to get a few things completed at the club station in preparation for the club's 85th anniversary event in October. First on the list is the installation of the beam antenna. At this time the beam is being readied and we hope to have it installed by the time you read this. We are also working to install several smaller antennas to give us more versatility, after all you can never have too many antennas! I hope that this will improve our coverage, especially during the Sunday 10 meter net. Again my thanks to all that have helped in this project. In the near future I will prepare a notebook in a three ring binder that will be kept at the operating position showing the station configuration and recommended settings for the various radios and bands. The 10 meter net has been very successful and the turnout has been great . Due to the large number of check ins, I will now pick up stations in a more orderly manner. I will be asking for you to check in when I call using a group of letters that correspond with the first letter of the suffix of your call. For example if your call is W7AJ and I call for check ins with a suffix beginning in A, B,or C, this will be your time to check in. Don't worry if you have a call that begins with X, you will not be at the end of the list every week, I will reverse the order each week. Please tune in to the net each Sunday evening at 8 PM on 28.375 MHz. I also listen on 2 meters on 146.55 MHz and will check you in if you can't transmit on the 10 meter band. I would like to hear from all of you. Please give me input on making the club station and the HF net better for all of us.

73, Lynn, KB6OKS Station Manager 253-853-5973 or KB6OKS@JUNO.COM

MUSEUM MUSINGS

With Worth Gurley, W7WG

As you know, the Radio Club of Tacoma, as an institution, has done many good deeds through community service communications and by providing training, testing, "Elmering," social activities, amateur radio opportunities, and fun for many people throughout its 85 years. As an institution, the Club deserves a halo...and so now it has one through the generosity of our Vice-President Morel, W6LIX. It will not shine brightly as the halos over the heads of saints and angels in those famous paintings, but it will radiate on lower frequencies, 14 through 30 MHz, as soon as younger, spryer members install it over the Museum dormer window.

Morel's halo is an AEA Loop-Stick antenna, which works efficiently using the high current design because radiation takes place at high current points on an antenna. Of course, being in the front of the clubhouse this antenna will only confirm neighbors' opinion of the Club as being a bit loopy, but then... it will provide a reliable antenna for all those medium-aged operational rigs on the main floor without the necessity of switching to the ladder line 80 m dipole for the Museum, which, unfortunately, has to be specially connected by clip leads.

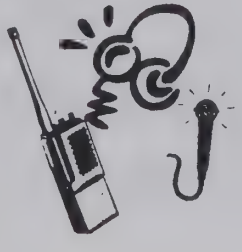
As most of you know, the Doc Spike Memorial call, W7OS, normally is used for the Museum and for the main floor operational rigs of various ages. The Club call, W7DK, is used primarily for the club station with the TenTec rig in the main operating room on the second floor. That station uses the beam for 10 through 20 meters and a G5RV type dipole for 80 and 40 meters.

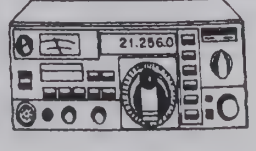
In the back of the operating room are displays of non-operating antique radio receivers dating back to 1918 or before, including parts of a spark transmitter, apparently operated as a demonstration several decades ago - but not on the air! Also on display are a couple of commercial crystal sets and a display cabinet with many old "bugs" (semi-automatic keys used as far back as railroad telegraphy days). The 147.280 repeater and the packet station are located next to the main operating table. A beautiful view of Mt. Rainier on clear days completes the exhibit.

The plan is to improve labeling and arrangement of displays by the time of the Radio Club of Tacoma 85th Birthday activities on the weekend of October 20th and 21st, which will include both an open house and an operating event. This will be explained later in the Bark and elsewhere.

Finally, my hope is that you and other members will write your own amateur radio history explaining what amateur radio has meant to you as a beginner, an antique operator, or in between. Send your interesting story to me or directly to the Bark editor, Kathleen Nace, at the address kathleen@naceplace.com.

In that regard, Morel reminded me that several months ago I left him, his crew, passengers, and a hijacker with a pointed 45 in a thunderstorm high over the Caribbean heading for Castro's Cuba. Next month we promise to bring them down to meet their fate under communism.





MEETING MINUTES

Radio Club of Tacoma
Regular Meeting
June 27, 2001

The meeting was called to order at 7:30 PM by President Mick, KK7QS. The flag salute was led by Roger, WA7ANJ. Introductions were made around the room. Jean, KB7SVX, upgraded to general. Bill, KD7GOR, got a new call, AB7WJ. We had one visitor.

Correspondence: 3 renewals, 1 address correction, 2 phone bills, 3 newsletters, 2 ads, and we sent in our corporate renewal.

Treasurer Report: In the Bark.

Health and Welfare/Silent Keys: Dale, W7NMO, a former member is a Silent Key.

Reports: Mick reported that a Russian ham visiting our area was given an invitation to come visit the club house on Saturday. He also reported that Field Day was successful and we got the extra points for all the various things available - public official, reporter, alternate power source, special demos, visitors, etc. Thanks to all the many people who helped.

Jerry, W7BUN, reported that we need to start seeking a new site for next year. The area we used this year may be sold.

Rich, N7ANF, stated that he would not be able to be at the clubhouse this Saturday. Someone is needed to open it and be there.

Jill, K7JIL, reported that we are starting to fill spots for the booth at the Western Washington Fair. There are still many good spots open and a sign up sheet is going around. She is in the club roster. Give her a call to volunteer.

Jerry reported on coming programs: July 11, a video on a DXpedition to St Peter an St. Paul Rocks, a very difficult to reach and rare spot; July 25, all you wanted to know about QSLing.

ARES/RACES needs volunteers for the July 4th Freedom Fair.

Tonight's program: A nuts and bolts type program, all about computers and operating systems was presented by Dave Funk, WA7RSO. Dave is a retired teacher from Clover Park College, where he taught computer courses.

Hints and Kinks: Keith, KD7KPY, said we should check out spaceweather.com, a very interesting web site.

Drawing: A 50/50 drawing for $22.50 was won by Jerry, W7BUN.

33 people signed the attendance roster.

The meeting was adjourned at 9:05 PM.

Respectfully submitted,
Ed Root, KC7OKS, Secretary

ELMER TODAY
VOLUNTEER!

SPECIAL SERVICE CLUB

TREASURER'S REPO

de Roger, WA7AN

JUNE 2001

GENERAL FUND:

INCOME

FLD DAY	$20.68
DUES	$275.00
DR PRZ	95.00
DONATS	$39.26
TOTAL	$429.94

EXPENSES

EQUIP.	$24.41
POSTAL	$60.00
EVENTS	$300.41
FEES	$10.00
TOTAL	$394.82
NET:	*$35.12*

SUSPENSE FUND:

INCOME

BOOKS	$187.80
TOTAL	$187.80

EXPENSES

BOOKS	$160.65
TOTAL	**$160.65**
NET:	*$27.15*

TOTAL GAIN $62.27

NOTE: $193.21 CAPITOL EXPENSE FOR ROOFING FOR THE CLUBHOUSE IS NOT REFLECTED ABOVE.

73, ROGER WA7ANJ

Radio Club of Tacoma
Board Meeting
2 July 2001

The meeting was opened at 7:32 PM. Minutes were approved as printed in the Bark.

Correspondence: Club bank statement, Flea Market Registration, Antique Club letter, and a newsletter.

Treasurer's Report: In the Bark. Some discussions were held on the budget.

Committee Reports: Anniversary Special Event: Jerry, W7BUN, reported that we couldn't get the special call with the 85 in it so we are trying for W7K as a special event 1X1 call. The event will run for 48 hours, starting at 0001 UTC (5 PM local) Friday October 19, 2001.

Repeater: The 147.28 repeater was down but Al, K7HW, got it going again. Still having problems with 147.38.

Training: Jerry, W7BUN, reported that a code class is currently in progress.

Flea Market: Labels have been ordered to send to all ARRL members who are in this area, and the mailing will be done when we get them. There was a general discussion on the flea market and how good a job the CAP did last year on security. Also, plans were made on where the food stand would be since we can't use the kitchen this year.

Field Day: Preliminary report. 1556 QSL points, and 900 bonus points.

Western Washington Fair: The chairperson, Jill, K7JIL, is looking for volunteers to work at the club booth in the hobby hall. The fair runs from 7 through 23 September.

Old Business: Still working on getting a replacement beam antenna. Garage roof may be completed next weekend if the weather permits. The use of our parking lot by employees of the clinic to the East of us was discussed. This use was disapproved because of insurance and liability concerns, but may be revisited in the future if these concerns can be addressed. The emergency power supply batteries are installed and awaiting the jumper wires. Al is working on this. Should be done soon.

New Business: Roger, WA7ANJ, reported that we are part of the Puget Sound Antique Radio Association with a newsletter exchange. Jerry, W7BUN, reported and was approved to purchase a piece of aluminum to repair the 20 meter CW beam used for Field Day. The money will come from the Field Day budget. It was agreed that the club needs to replace the coax we use for Field Day and other antennas at the club. We will check on doing this next time a special price can be obtained. George, KK7FM, has a list of young people that have radio listed as an interest. The board was in agreement that we should pursue this, possibly write them, and hold a special open house, and/or training for them.

ARES/RACES: Volunteers are needed for the Freedom Fair on the 4th of July.

In Attendance: Mick, KK7QS; Roger, WA7ANJ; Ed, KC7OKS; Rich, N7ANF; Morel, W6LIX; Worth, W7WG; Jerry, W7BUN; Pete, KK7QW; Bud, K7BUD.

The meeting was adjourned at 9:01 PM.

Respectfully submitted,
Ed Root, KC7OKS, Secretary

Radio Club Of Tacoma
Membership Meeting
11 July 2001

The meeting was called to order at 7:32 PM. The flag salute was led by Mick, KK7QS. Introductions were made around the room. No new hams or upgrades were reported. There were no illness or Silent Key reports.

Correspondence: Address corrections, newsletters, a Money Market report.

Treasurer: Report in the Bark.

Committee Reports:

Field Day: Reported by Jerry, W7BUN. We had 1557 QSL points and 900 bonus points.

Flea Market: Reported by Roger, WA7ANJ. It is getting close. Help is still needed. We have several vendors lined up. Looks to be better than last year.

Education: Reported by Jerry. Off for the summer.

Programs: Jerry reported that the next program would be all about QSL cards. He also reminded us that the last Saturday open house of the month at the clubhouse is a mini flea market. He will bring several interesting items for sale at the next one.

Program: A video on a DXpedition to St Peter and St. Paul Rocks. A small rare site on islands owned by Brazil.

Old Business: The garage roof is finished. Mick thanked all of those who showed up to help. The roof should last for many years now.

Beam antenna: Jerry is checking over the replacement beam. We will schedule with our tower person to get it up as soon as possible.

Emergency batteries: Al, K7HW, has finished the jumper wires. Rich, N7ANF, will install them soon.

New Business: None reported.

Hints and Kinks: Bill, KE7CG, showed a stealth antenna tuner that he had built from plans in the June 1995 QST. He also brought copies of the plans.

Tuning and Traffic: None reported. Jerry did mention a picnic that would occur this weekend.

Good of the Order: Virgil Pattin, K7VP, a former member and visitor, thanked Jerry and the club for all the help, training, fellowship, and friendship he received when he lived here. He now lives in Tucson, Arizona. He is a V. E. for testing handicapped hams, teaches radio to the blind at the V.A. Hospital, and was named Arizona ham of the year. He says it is because of the start he got with the Radio Club of Tacoma. He also said if we are ever in Tucson to go to the repeater at 146.88, tone 110.9. Several clubs use it and he monitor's it. Give a call.

Jill, K7GIL, reported on sign ups for the Fair. We still need people for the booth. Jill also asked that when we report illness or silent keys to, please try to include a current address so she can get the cards sent.

50/50 drawing was for $22. It was won by Mick, KK7QS.

Rich, N7ANF, reported that he needed help to host the Saturday open house. His wife wanted to go to the ocean this weekend. Several members volunteered to take her. Rich then explained that he needed someone to open the clubhouse on Saturday for him. He would take her.

The meeting was adjourned at 8:22 PM.

Respectfully submitted, Ed Root, KC7OKS, Secretary

◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet.

ARRL BOARD MEETS IN CONNECTICUT

Members of the ARRL Board of Directors have gathered in Rocky Hill, Connecticut, for the Board's July meeting. ARRL President Jim Haynie, W5JBP, will preside at the meeting July 20 and 21.

The Board is expected to hear a Membership Services Committee report that firms up details of the "Logbook of the World" project. The project, described as a secure electronic alternative to traditional QSLing, has been under development for several months at the Board's request. As conceived, once the Logbook of the World is implemented, ARRL would become the repository of QSO information used to automatically confirm contacts among participants. Confirmation data also could automatically update ARRL awards programs, such as DXCC, and possibly programs sponsored by organizations other than ARRL.

The report of the ad hoc 160-Meter Band Plan Committee will be among the other topics up for discussion at the mid-year session. The Board also will hear an interim report from the Novice Spectrum Study Committee that's been collecting comments from members on possible future refarming of current Novice/Technician Plus HF subbands.

Prior to the Board meeting, the Administration and Finance, Membership Services and Volunteer Resources committees met. The Board will receive reports from those panels as well as from others.

The Board will consider nominees for the Hiram Percy Maxim Award as well as for Instructor of the Year, the Philip J. McGan Memorial Silver Antenna Award, the Doug DeMaw, W1FB, Technical Excellence Award, and other technical excellence awards.

Bill Cross, W3TN, of the FCC's Wireless Telecommunications Bureau met informally with Board members and with ARRL Headquarters staff members prior to the meeting.

Radio Amateurs of Canada Vice President Ken Pulfer, VE3PU, is attending the Board meeting as a guest.

NOVICE SPECTRUM SURVEY DRAWS HEAVY RESPONSE

As of this week, more than 1700 ARRL members have expressed their opinions on possible ways to optimize use of the present Novice and Technician Plus allocations on 80, 40, 15 and 10 meters. Survey results ultimately might form the basis of an ARRL petition for rule making before the FCC, and members still have an opportunity to participate. A copy of the Novice Spectrum Study survey remains available to members on the ARRL Web site, <http://www.arrl.org/members-only/NoviceSurvey.html>. Members may complete and submit the survey only once.





Appointed by President Jim Haynie, W5JBP, the Novice Spectrum Study Committee is chaired by ARRL International Affairs Vice President Rod Stafford, W6ROD. The panel wants to determine what changes, if any, might be needed now that the FCC no longer issues new Novice licenses. The membership survey is part of the Board's mandate to the committee. A final report is due at the annual meeting next January.

In addition to the survey responses tallied, several dozen more comments were filed by members and nonmembers alike via e-mail to<novicesurvey@arrl.org>;. "The written comments for the most part have been thoughtful and reasoned and are highly appreciated by the committee," said Dave Patton, NT1N, who's HQ quartersstaff liaison for the panel.

Patton urged those who have not yet done so to fill out a survey. "Please make sure to read the entire text of the survey to help understand some of the assumptions made by the committee regarding what questions to ask and what band segments and modes to offer as predefined options."

Generally speaking, the committee's predefined options propose retaining Extra class subbands on the affected bands, setting aside expanded CW reserves for all license classes except Technicians who have not passed Element 1, and providing the remaining spectrum into expanded phone segments for General, Advanced and Extra class operators.

Many have offered separate opinions on the process. "Although I operate and prefer CW over phone, welcome the expansion of the phone bands for Extra class operations, especially on 75 meters," one member wrote. "And I am glad to see that Extra class CW bands remain in place."

Other comments recommended no change or expansion in privileges for Novice or Technician Plus operators on the affected bands--an option that the survey provides. Not all commenters were happy. "By handing Novices significant amounts of additional bandwidth free of charge' you remove one of the key motivators to upgrading, namely access to additional bandwidth!" one said about the predefined choices.

No license class would lose privileges under any of the proposed refarming schemes. The Committee has suggested that Novice/Tech Plus CW band restrictions on 80, 40, 15 and 10 meters be changed to match those of the General class CW/RTTY/data band segments, with the caveat that Novice/Tech Plus operators only run CW on 80, 40, and 15 at up to 200 W. Novices already may operate RTTY and data on 10 meters. Novice refarming also would restore full privileges to higher-class operators in the 80, 40, and 15-meter Novice bands, where all license classes are limited to 200 W output.

AO-40 NOW IN LONG-TERM, "SAFE" ORBIT

AO-40's new orbit should be good for at least the next 20 years, according to AMSAT-DL President Peter Guelzow, DB2OS, who heads the satellite's ground

eam. Following maneuvers to shift the satellite's orbit, AO-40's perigee now is "oscillating in a safe range between 810 and 1260 km," Guelzow said this week.

AO-40's height at apogee--58,971 km--was unchanged by the orbital adjustment. The satellite's transponders remain off for now as ground controllers reorient the spacecraft. Still in question is whether ground controllers will be able to deploy the satellite's solar panels.

Ground controllers were able to change AO-40's orbit through successive "cold" firings of the onboard arcjet motor--using only ammonia gas but not energizing the arcjet. Initial plans called for raising the perigee to around 500 km. The move raised AO-40 some 300 km higher than predicted, however and apparently depleted the spacecraft's ammonia supply--something that was not expected to happen. This makes it likely that AO-40 will remain in its current orbit for the rest of its time in space.

Stacey Mills, W4SM, of the ground team said it's "quite possible" that an ammonia leak accounted for the loss of fuel. "If we did have a slow leak, it is very fortunate we did not wait any longer to use the remaining fuel," he said. Mills said that AO-40's old orbital configuration, while stable, was too close for comfort at perigee.

"I sincerely hope that nothing else malfunctions for a long, long time, but this is, after all, rocket science," Mills said. "Nothing is guaranteed."

Ground controllers plan to check AO-40's momentum wheels prior to making any decision to deploy the spacecraft's solar panels. Mills said the momentum wheels are needed to provide three-axis control of the spacecraft, "and there is no need to deploy the panels if we are not going to three-axis," he said.

Guelzow said he would "be surprised" if the momentum wheels work okay after what he called "the possible destruction in the inner core of the spacecraft" resulting from an onboard malfunction last December involving the 400-newton propulsion system. "If everything goes well, we will proof-test the three-axis control for a long time before we will deploy the solar panels--if at all."

For more information on AO-40, visit the AMSAT-DL Web site, http://www.amsat-dl.org/ or the AMSAT-NA Web site, http://www.amsat.org.

COMMENTS DUE AUGUST 15 ON EXTRA CLASS EXAM SYLLABUS

The Question Pool Committee of the National Conference of Volunteer Examiner Coordinators has released a draft syllabus for the Amateur Extra class examination (Element 4) question pool. Comments on the draft syllabus are due August 15. The revised question pool will go into effect next July 1.

The draft syllabus is available for downloading on the ARRL VEC's Working Syllabus--Element 4 Extra Class Question Pool Revision 2001 page, <http://www.arrl.org/arrlvec/el4-2001.html>;. It covers topics included within the various subelements in the Amateur Extra class examination and the number of questions allocated on a given examination for each subelement. There are 50 questions on an Amateur Extra examination.

Subelements include FCC rules, operating procedures, radio wave propagation, Amateur Radio practices, electrical principles, circuit components, practical circuits, signals and emissions, and antennas and feed lines.

Comments on the draft syllabus go to Scotty Neustadter, W4WW, w4ww@arrl.net; Bart Jahnke, W9JJ, vec@arrl.org, and Fred Maia, W5YI, fmaia@prodigy.net. Neustadter chairs the Question Pool Committee; Jahnke is the manager of the ARRL VEC, and Maia operates the W5YI VEC.

The National Conference of Volunteer Examiner Coordinators will hold its annual VEC conference July 27 and 28 in Gettysburg, Pennsylvania. Current Amateur Radio examination question pools are available on the ARRL VEC's Amateur Exam Question Pools Web page, <http://www.arrl.org/arrlvec/pools.html>.

TOWER FALL CLAIMS LIFE OF TEXAS AMATEUR

A fall from an Amateur Radio tower July 8 claimed the life of ARRL member Bob Smart, W5TBV, of Georgetown, Texas. Smart reportedly fell from his 75-foot tower while adjusting his beam antenna. His wife, Ellice, N5RRO, who had been assisting him from inside the house, came outside to find him on the ground. His climbing belt reportedly was not attached to the tower.

HAM RADIO 2001 DRAWS 18,000

The Ham Radio 2001 gathering at Friedrichshafen, Germany, June 29-July 1 attracted some 18,000 visitors. The Deutscher Amateur Radio Club says that's about the same as last year's attendance. DARC said dealers reported a buying trend this year toward complete stations, receivers or scanners as opposed to parts and kits. ARRL Executive Vice President David Sumner, K1ZZ, was among those who attended the DARC convention--which is the largest ham gathering in Europe and the most international event of its type anywhere.

AMATEUR LF SIGNAL SPANS THE PACIFIC!

A signal transmitted on 184 kHz from ZL6QH--the Wellington, New Zealand, Amateur Radio Club's Quartz Hill station--has spanned the Pacific. The transmission, part of a series of announced transpacific tests, was received on June 30 by Steve McDonald, VE7SL, of British Columbia, Canada.

"A claim is made for the confirmed reception of ZL6QH by VE7SL, on 184.4 kHz, over a path of 11,709 km," said Bob Vernall ZL2CA, who organized the transpacific tests. "This is a one-way confirmation, as VE7SL does not have transmitting capability." Vernall said that on June 30, seven New Zealand stations--including ZL6QH--and one Australian transmitted test signals in the 160-190 kHz band for the transpacific tests. Amateurs in New Zealand have access to that band.

Reception of weak LF signals typically is done using spectrographic software. McDonald used Argo software to capture the ZL6QH signal and very likely that of ZL4OL, although no claim was being made for the latter. The reception occurred right around the time of sunrise in British Columbia.

ZL6QH was transmitting dual-frequency CW with two-minute elements, one frequency representing dits, the other dahs. The ZL6QH station was running ap-

proximately 100 W into a longwire antenna.

Amateurs spanned the Atlantic in both directions earlier this year on 136 kHz. Efforts to make it across the Pacific on LF have been under way during the winter season in the Southern Hemisphere.

The ARRL has petitioned the FCC to authorize Amateur Radio allocations at 136 kHz and in the 160-190 kHz band. The petition is pending.

2001 ARRL/TAPR DIGITAL COMMUNICATIONS CONFERENCE SET

The 20th ARRL and TAPR Digital Communications Conference will be held September 21-23 in Cincinnati. The annual gathering provides an international forum for radio amateurs involved in digital communication, networking, and related technologies to meet, publish their work, and present new ideas and techniques for discussion.

Papers are invited for publication in the conference Proceedings. Presentation at the conference is not required for publication. Submit papers by August 6 to Maty Weinberg, KB1EIB, ARRL, 225 Main St, Newington, CT 06111 or via the Internet to lweinberg@arrl.org. Paper submission guidelines are available on the TAPR Web site, <http://www.tapr.org/dcc>;.

The DCC is for digitally oriented amateurs of all experience levels to exchange ideas and learn about recent hardware and software advances, theories, experimental results, and practical applications. Sessions at the beginner, intermediate, and advanced levels will be offered in selected areas of digital communication. For those interested in attending only a session or two, registration for the conference is not required.

This year's fifth annual Automated Position Reporting System (APRS) National Symposium will be an all-day Friday event moderated by Steve Dimse, K4HG--the developer of javAPRS and www.findu.com.

Conference presentations, meetings, and seminars will be held at the Holiday Inn Cincinnati--Airport and Conference Center <http://www.basshotels.com/hotels/cvgap>;; 859-371-2233. A special DCC room rate of $89/(single or double) per night is available until September 1.

Conference registration includes the conference Proceedings, sessions, meetings, and lunch on Saturday. Registrations received before September 1 are $45. After September 1 or at the door, registration is $55. The Friday APRS National Symposium is $25; the Saturday banquet is $30; the Sunday seminar is $20.

Full information is available from Tucson Amateur Packet Radio <http://www.tapr.org>; ; 940-383-0000; e-mail: tapr@tapr.org.

"MISTER GUITAR," CHET ATKINS, W4CGP, SK

Guitar picker, music legend and Amateur Radio operator Chester B. "Chet" Atkins, W4CGP, of Nashville, Tennessee, died June 30. He was 77. Atkins reportedly died of cancer complications. Known as "Mister Guitar," Atkins--from East Tennessee--began his musical career in the 1930s playing fiddle. He earned his reputation as a guitarist, however, and went on to become the most-recorded solo instrumental musician in history.

Formerly WA4CZD, Atkins, a General licens in 1998 obtained the vanity call sign W4CGP--"certifie guitar picker." He was an ARRL member. He won 14 Grammy awards during his career and was elevated t the Country Music Hall of Fame in 1973. He was presented with a Lifetime Achievement Award in 1993 by National Academy of Recording Arts and Sciences in to recognize his guitar-picking technique as well as hi wide influence on music. He had more than 100 albur to his credit.

In addition to his own success as a perform Atkins helped launch the careers of other notable performers. He is given primary credit for developing the town "Nashville Sound" that helped country music to pete with pop music.

In his later years of performing, he sometim paired up with musicians from the pop and jazz world and was a frequent guest on the radio program "A Pr Home Companion."

A funeral service for Chet Atkins was held 3 in Nashville's Ryman Auditorium, which formerly se as the home of The Grand Ole Opry where Atkins pe formed for many years.

More information on Chet Atkins is on the Atkins, Mister Guitar Web site <http://www.misterguitar.com/index.html>.

KC8BFD IS NEWSLINE'S 2001 YOUNG HAM OF THE YEAR

Patrick Clark, KC8BFD, a 17-year-old ARR member from Elkview, West Virginia, has been name the 2001 Amateur Radio Newsline Young Ham of the Year. Award Administrator Bill Pasternak, WA6ITF, s Clark is heavily involved in public service, emergenc communications and youth recruitment.

The Young Ham of the Year Award is jointl sponsored by Pasternak's Los Angeles-based Amat Radio Newsline, Vertex Standard USA (Yaesu) and magazine. The award is presented each year to a ra amateur 18 or younger who has provided outstandin vice nationally or locally or has contributed to the be ment of the state of the art in communication throug Amateur Radio.

A licensee since age 10, Clark comes from all-ham family. His father, Jeff, and mother, Tina, are K8JAC and N8TSY respectively; his sister, Erin, is KC8PZZ. Patrick Clark has been involved in emerge service work from the day his ham radio ticket arrive the mail. He was among amateurs who responded i wake of the West Virginia Field Day floods of 1998--when the annual emergency preparedness drill turned into real thing as the skies unexpectedly opened up.

In addition to his Amateur Radio Emergen Service activities, KC8BFD is also a certified severe weather spotter with SKYWARN. Clark has twice sp at the Dayton Hamvention Youth Forum, and he pro Amateur Radio to other youngsters through persona pearances.

Among those supporting Patrick Clark's n tion was ARRL West Virginia Section Emergency C

ator Morris "Mac" McMillian, W8XF. "I have always been able to rely on Patrick's ability to think on his feet in a drill - actual ARES activation," McMillian said, adding that he believes that the future of ham radio is in good hands with amateurs like Patrick Clark, KC8BFD.

The 2001 Newsline Young Ham of the Year award will be presented on Saturday, August 18, at the Huntsville Hamfest in Huntsville, Alabama. As Young Ham of the Year, Patrick Clark will receive--courtesy of Vertex Standard USA--an expense-paid trip to the 2001 Huntsville Hamfest, along with a gift of Yaesu ham radio equipment. CQ magazine will treat Clark to an expense-paid week at Spacecamp Huntsville and other gifts. Amateur Radio Newsline will present a commemorative plaque at the award ceremony.

OUTGOING QSL SERVICE TOPS ONE MILLION CARDS FOR 2001

The ARRL's Outgoing QSL Service Manager Martin Cook, N1FOC, reports that as of June 29, 2001, the service had shipped 1,041,316 QSL cards. This includes cards going to US incoming bureaus and cards sorted and mailed by contractor. "This is an increase of 135,456--15%--more cards than we had mailed at this time last year," Cook said. The Outgoing QSL Service handled 1,868,895 cards in 2000. For more information, visit the ARRL Outgoing QSL Service Web site, <http://www.arrl.org/qsl/qslout.html>.

TEN-TEC SOLICITS COMMENTS ON PENDING TRANSCEIVER

Ten-Tec is looking for comments and suggestions from the amateur community on its proposed Model 516 "IF-DSP" low-power (variable from 1-5 W) HF transceiver--a general coverage, software-defined radio. The rig is expected to be on the street by next January at a price under $600. It will offer CW, SSB and FM and AM and 38 DSP filters from 200 Hz to 8 kHz. Because of its software-defined design, Ten-Tec will be able to incorporate changes much later in its production schedule than typically is possible with discrete-component design. Ten-Tec says almost all functions and features are stored in flash ROM. To add new features, users will download the latest software version from the Ten-Tec Web site. Ten-Tec invites suggestions for features to be incorporated in the new radio via e-mail, sales@tentec.com. Details on the transceiver are available on the Ten-Tec Web site, <http://www.tentec.com/TT516.htm>.

SURVEY SEEKS INPUT ON NOVICE/TECH PLUS HF SPECTRUM

The ARRL Novice Spectrum Study Committee is soliciting input from the amateur community on possible ways to optimize use of the present Novice and Technician Plus allocations on 80, 40, 15 and 10 meters. Survey results might form the basis for the ARRL to approach the FCC and request changes in the ways amateurs may operate within HF bands that contain Novice subbands.

The Novice Spectrum Study survey is available to ARRL members on the Web <http://www.arrl.org/members-only/NoviceSurvey.html>;. Members will be able to complete and submit the survey only once. Non-members are invited to e-mail comments and suggestions to novicesurvey@arrl.org .

The committee--chaired by ARRL International Affairs Vice President Rod Stafford, W6ROD--has been examining the status and usage of the present Novice HF bands with an eye toward determining what changes might be needed now that the FCC no longer issues new Novice licenses. The survey offers members a chance to express opinions and preferences on various options--including leaving things as they are. Respondents are invited to add comments and suggestions before submitting the survey.

Some 40,000 Novice licensees remain in the current FCC database, and that number is dropping by some 6000 licensees each year through attrition and upgrading.

The Novice Spectrum panel will present an interim report at the July ARRL Board meeting, and a final report at the annual meeting next January.

FCC REVOKES HAM TICKET OF ALLEGED RADIO PIRATE, ISSUES FINE

The FCC has revoked the Amateur and General Mobile Radio Service licenses of reputed pirate broadcaster Leslie D. "Doug" Brewer of Tampa, Florida, and fined him $11,000 for "willful and repeated violation" of the Communications Act. Brewer already owes the US government $11,000 in forfeitures assessed previously for similar violations.

"Operating unlicensed radio facilities in deliberate and brazen defiance of our rules cannot and will not be tolerated," the FCC said in its Order of Revocation and of Forfeiture, released June 26. The FCC said that based on its considerable evidence, Brewer "lacks the basic character qualifications to be and remain a Commission licensee." The Order contained a footnoted reference to the case of Herbert L. Schoenbohm, ex-KV4FZ, who lost his Amateur Radio license on the basis of character issues.

The FCC said Brewer failed to file any notice of appearance at the revocation proceeding. As a result, the presiding judge waived hearing, and the FCC made its determination in the case based on the information it had before it.

Earlier this year, the FCC suspended Brewer's General ticket, KC4HAZ, for the rest of its term while it initiated revocation proceedings. Brewer also held the GMRS call sign KAE1170. He has 30 days to file a petition for reconsideration of the FCC's Order. Otherwise, he has 30 days to pay the fine. The revocations are to take effect 40 days from the release of the Order.

Brewer, 46, runs a two-way radio and electronics shop. He's the trustee of several Amateur Radio repeaters in Tampa and is well-known within the Tampa amateur community.

FCC and other sources say Brewer operated "The Party Pirate" on 102.1 MHz from his home. He was among those caught up in a November 1997 sweep by federal agents to shut down unlicensed broadcasting operations in Tampa.

The FCC said Brewer "continues to display a cavalier disregard toward his licensee obligations . . . notwithstanding clear and repeated notice that his behavior was unlawful." The $11,000 forfeiture was the maximum the FCC could have imposed in the case. The government is continuing its efforts to collect the $11,000 in forfeitures already assessed against Brewer.

The FCC Order in the Brewer case is available on the FCC Web site <http://hraunfoss.fcc.gov:8835/edocs_public/attachmatch/DA-01-1489A1.doc>.

NEW PACKET TNC ON THE WAY TO ISS

Amateur Radio on the International Space Station Board Chairman Frank Bauer, KA3HDO, says the ARISS-US team has delivered a new packet module to NASA. "This new packet module is expected to correct several of the problems that have been observed on the current ARISS packet system," he said.

The module is expected to undergo a "bench review"—or inspection—in the near future by one of the US astronauts. It is scheduled to fly to the ISS on shuttle mission STS-105, currently planned for launch in early August.

Bauer says Expedition 3 Crew Commander Frank Culbertson, KD5OPQ, plans to make the packet module changeout early in his ISS tour of duty. Culbertson will be joined aboard the ISS in mid-August by Russian cosmonauts Mikhail Turin and Vladimir Dezhurov.

Bauer says all pertinent TNC parameters are embedded in the PROM, so the packet module should be fully functional even with a dead battery. It's believed the current TNC lost its backup battery. As a result it displays <NOCALL> as a call sign. Stations cannot connect but have been able to digipeat through the system, however. The new TNC will display the Russian call sign RS0ISS. The Personal Mailbox System (PMS) uses the call sign RS0ISS-1.

W1AW SEEKS 80-METER SIGNAL REPORTS

Maxim Memorial Station W1AW has changed its 80-meter bulletin antenna system and requests signal reports from those monitoring the 80-meter transmissions. An 80-meter "cage" dipole joined the W1AW antenna farm in May. W1AW Station Manager Joe Carcia, NJ1Q, says the new dipole is oriented to radiate east-west. The "cage" complements a coaxial dipole that's been in use for several years.

Field Day marked the first official test of the new 80-meter cage. Previously, RFI problems with the alarm system had prevented general use of the new skywire. Carcia and Building Manager Greg Kwasowski, KB1GJF, solved the RFI problem by installing a number of ferrite cores on the unshielded wires entering the alarm box from the various smoke heads. "The wire installers failed to take into account that the alarm system is located in a high RF-environment," Carcia said.

Signal reports received during Field Day indicated the 80-meter "cage" antenna appears to be functioning quite well. W1AW put 512 QSOs into its Field Day log on 80, 40, 20, 15, 10 and 6 meters, using CW, SSB and RTTY—for a claimed score of 1366.

Reports on W1AW's 80-meter signal should note your location, time of reception, mode, signal strength a quality. Use of the standard R-S-T system is acceptable Mail reports on a postcard to W1AW 80-meter reports, 225 Main St, Newington, CT, 06111. E-mail reports ma be sent to w1aw@arrl.org. The complete W1AW Opera ing Schedule appears in July QST, page 105, and on th Web, http://www.arrl.org/w1aw.html.

DXCC ANNOUNCES 12 METER DXCC

The ARRL DXCC Desk has announced the a dition of the 12-Meter Single Band DXCC. Applications will be accepted starting July 2, 2001. The 12-Meter DXCC certificates will be dated but not numbered. Twelve-meter credits will not count toward the DeSoto Cup competition until October 1, 2001, but they will be cluded in the DXCC Challenge totals. DXCC records a Adobe PDF files may be ordered via e-mail to dxcc@a org . The 12-meter band was added to the printout on January 1, 2001, and DXCC records ordered since the contain 12-meter credits. Hard copies also are availabl from DXCC, 225 Main St, Newington, CT 06111. Includ $2 for postage and handling. For more information, cor tact the DXCC Desk at dxcc@arrl.org.—DXCC Desk

FCC ORDERS TWO AMATEURS OFF MOST REPEATERS

Never say that FCC Special Counsel for Ama teur Radio Enforcement Riley Hollingsworth lacks crea flair in applying enforcement sanctions. Acting in two o going cases, Hollingsworth this month notified two Tec cian licensees that they must stay off all repeaters on t 144, 222, and 440-MHz bands for the next three years

Hollingsworth invoked Section 97.27 of the FCC's Amateur Service rules to modify the licenses of Ted R. Sorensen III, KC6PQW, of Agoura Hills, Califor and Joseph Mattern, KG4NGG, of Orlando, Florida. B licensees have been the subject of repeater-related en forcement inquiries.

Sorensen's restriction was among other acti recently taken in conjunction with the Los Angeles-are W6NUT repeater. In February, the FCC asked Sorens and Gregory S. Cook, ex-KC6USO, of Chico, Californi to respond to allegations that they conspired in makin late-night one-way transmissions on W6NUT that origi nated from Sorensen's station.

In March the FCC accepted Cook's voluntar surrendered license. For his part, Sorensen, who did n dispute the allegations, wrote the FCC offering to acce year's banishment from the W6NUT 147.435 repeater fair punishment." Instead, the Commission imposed a on the use of all repeaters on the three most popular r peater bands for the next three years.

Mattern, who formerly held the vanity call sig WW4WJD as a Tech Plus, was called for retesting las September after the FCC received allegations that the censee had been using amateur repeaters in his area solicit traffic reports for his employer, a company that kets the reports. In a reply to the FCC, Mattern charac ized his traffic-reporting activities as "a hobby" that ea him very little money. He also agreed to abide by the wishes of repeater control operators who had asked h

to tay off their machines.

Mattern failed all elements of last year's retest, bu he passed the Technician exam earlier this year, and wa granted KG4NGG on May 3. In reaction to numerous ac itional complaints from Central Florida amateurs the FC set aside that license grant until the Enforcement Bi eau could investigate. Mattern's application was gr nted on June 8 with the repeater restriction imposed.

A RL HEADQUARTERS SEEKS TEACHER

The ARRL is seeking a state-certified teacher/ e ucator with classroom experience to serve as the coor- d ator of the ARRL Amateur Radio Education Project ("he Big Project"). Candidates should hold a current A ateur Radio license, have several years of teaching e perience at the middle/junior high school-level, have e cellent communication, computer and interpersonal s lls and be involved in a wide range of amateur activi- ti s. The position is at ARRL Headquarters in Newington, C nnecticut. Send resume and salary expectations to E ucation Project Coordinator, Bob Boucher, ARRL, 225 M in St, Newington, CT 06111; fax 860-594-0298; r oucher@arrl.org. For more information, contact Rosalie W ite, K1STO, rwhite@arrl.org, 860-594-0237. The A RL is an equal opportunity employer.

G M CREATES WEB LINK TO AID MOBILE I STALLATIONS

In response to a request from ARRL, the Gen- e al Motors Engineering Center has created a Web link to i s official guidelines for installing radio transmitters in ve- hi cles. The Radio Telephone / Mobile Radio Installation G uidelines page is http://service.gm.com/techlineinfo/ r dio.html. Installation guidelines for Chrysler and Ford a re reprinted, with permission, in the ARRL RFI Book, h ttp://www.arrl.org/catalog/6834 . ARRL offers additional i formation about automotive RFI on its Web site, http:// w ww.arrl.org/tis/info/rficar.html.

H AMS ASSIST US NAVY FLIGHT

Participants on the 20-meter Maritime Mobile- N et June 13 were a bit surprised when a ham aboard a U S Navy plane checked in for assistance. John Pierce, K C4YWP, informed the Net that the Navy aircraft–using t he military call sign "Copperhead 5"–had lost communi- c ation with its base. "He asked us to place a telephone c all to his base to inform them he was returning due to l oss of communications," said Bob Puharic of Pennsyl- v ania–one of the net controllers. Puharic said that retired U S Air Force Col Bob Botik, K5SIV, placed the call and i nformed Copperhead 5 that it had been delivered. "The U S Navy thanked the net and secured," Puharic said.

Testing information will be back next month!

FIELD DAY 2001

W7DK's 2001 Field Day was a success. We didn't make as many QSOs as in past years, but everyone agreed they had much more fun this year. Murphy's Law showed its participation: the brake on one of the military towers had to be repaired at the last minute; the two 20 meter beams showed resonance at frequencies higher than desired; and due to wiring distribution problems, we were 20 minutes late in starting the operating. Antenna tuners compensated for the antenna troubles, and we operated 20 minutes later than usual to make up for the 20 minute starting delay. The W7DK computer logging software developed by Roger, K8RN, worked flawlessly and made it very easy to gather all the information needed to submit the club's report to the ARRL. Over 50 members and visitors were in attendance at various times during the weekend. The food was great, and the weather cooperated until it was time to take down the antennas and towers on Sunday when it began raining. We also earned most of the bonus points available:

100% emergency power - 100 points
Field Day message received from W1AW - 100 points
Field Day message sent to the Section Manager - 100 points
10 messages relayed from another club - 100 points
Visit to the site by Tom Sharp from Dept. of Emergency Mgt - 100 points
Article in the local newspaper - 100 points
Visitors' table with brochures for the public - 100 points
Demonstration of a portable packet station by Mario, KD6ILO - 100 points
Demonstration of an amateur TV station by Mario, KD6ILO - 100 points
Demonstration of APRS by Roger, K8RN - 100 points
One satellite QSO by Mario, KD6ILO - 100 points

The only bonus points we missed would have been the 100 points gained from making five QSOs using natural power, such as with solar panels.

QSOs made:

160 meters – 16	75 meters - 166
40 meters – 200	20 meters CW - 488
20 meters SSB – 299	15 meters - 373
10 meters – 13	2 meters - 1
satellite - 1	

Each SSB QSO counts as one point and CW QSOs as 2 points.

The entire score has a multiplier of 2 for having all stations running under 150 watts.

Report submitted by Jerry, W7BUN, 2001 Field Day Chairman

10 METER NET

CHECK-INS

W7GFC	(4)	George
WA7GHE	(4)	Eric
K7JIL	(3)	Jill
AC7JY	(3)	Frank
KK7QW	(3)	Pete
AC7BU	(2)	Al
K7BUD	(2)	Bud
AC7KQ	(2)	Ray
KC7OKS	(2)	Ed
N8PSJ	(2)	Herman
KK7QS	(2)	Mick
KD7AAG	(1)	Mark
WA7ANJ	(1)	Roger
N7BUS	(1)	Cesar
W9BYH	(1)	Bill
KK7FM	(1)	George
AC7LK	(1)	John
KA7MYU	(1)	Les
WA7OHG	(1)	Wade
KB7QAZ	(1)	Jeff
N7QHC	(1)	Dan
KC7UFR	(1)	Chuck
KC7UFX	(1)	Tom
KC7USS	(1)	Dave
N7VBJ	(1)	Paul
W7WG	(1)	Worth
KC7ZWM	(1)	Jessica

JUNE



DO THE PUYALLUP!

Sign up today to work in our booth in the Hobby Hall! Be a champion for amateur radio!



Do you need help with some area in ham radio? Here a place to start… First is the listing of areas of suppo followed by a list of members area their areas of inter

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment

Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Frank, AB7YZ	253-752-8520	2,3
Roger, WA7ANJ	253-475-4293	1,2,3,4,7,8,11

If you are willing to share your time and knowledge wi "newbees" and others, let us know and get on the boa

(Ed. Note – We need more volunteers on the elmer board. Please add your name to the lis



SATURDAY SWAP AND SHOP

Swap and Shop, **Saturday AUGUST 25th**, at the clubhouse, from 10 AM to 2 PM. Bring items to sell (and money to buy!).



TUESDAY NIGHT NET MAY CHECK-INS

CALL	NUMBER OF CHEK-INS	NAME
W6LIX	1	MOREL
KD7AAG	1	MARK
W7AEA	3	MAX
WA7ANJ	1	ROGER
KL7BK	1	MIKE
KJ7BN	1	MARILYN
AC7BU	1	AL
K7BUD	3	BUD
W7BUN	4	JERRY
W7DON	1	DON
W7EC	2	HAL
KK7FM	2	GEORGE
KD7GOR	2	BILL
KD7GTZ	1	VERN
K7HW	1	AL
KD7HYU	2	DAN
KDHYT	1	SANDRA
KD7IGY	2	WILMA
W7IMW	4	JACK
KA7IOX	3	SCOTT
K7JIL	4	JILL
AC7JY	4	FRANK
AC7KQ	1	RAY
KD7KQA	3	SCOTT
AC7LK	2	JOHN
KD7LZL	2	GARFIELD
KD7LZS	1	CHUCK
KD7NES	2	GWEN
KD7NPT	1	TODD
WA7OHG	3	WADE
KC7OKS	2	ED
KB7QAG	4	JEFF
N7QHW	3	SHIRLEY
N7QHX	3	TOM
N7QOZ	2	BOB
KK7QS	2	MICK
KK7QW	3	PETE
W7RW	2	ANDY
W7SKI	3	BOB
KB7SVX	3	JEAN
KC7SYW	1	MARY
N7TQZ	1	GEORGE
KC7UGM	1	ROSS
KC7VUM	2	LOU
W7WIA	1	OLIVER
AB7WJ	1	BILL
KC7ZWM	1	JESSICA
K8RN	1	ROGER
WA9RMK	1	WILLARD
N0EYK	1	KATHLEEN

NET CONTROLS	
JUNE 5	KK7QS
JUNE 12	AC7BU
JUNE 19	AC7BU
JUNE 26	K7BUD

ARRL RCT VE Team Report

In July 2001, we tested four people during our VE Team testing session. All either upgraded their license or achieved a new license. There were five test elements given. All were passed with no failures giving a passing rate of 100%. Achievements included three new Technician Class licensees and one upgrade from Novice to General class.

Congratulations to all and stay tuned for further exam testing results in the future.

73, Shirley, N7QHW

Radio Club of Tacoma VE Team Liaison



Flea Market! FAIR!

RADIO CLUB OF TACOMA

W7DK

ARRL

RADIO CLUB OF TACOMA

W7DK



AMATEUR RADIO Service around the world!

AREA SWAP MEETS

4-5 Aug 2001
Eastern Washington Section Convention Spokane, WA
Contact: William Craze, KC7YSF
1727 Northwest Blvd., #16
Spokane, WA 99205
Phone: 509-326-5353
Email: warchief@cet.com

11 Aug 2001
Lower Columbia ARA Longview, WA
http://www.qsl.net/nc7p/swapmeet.htm
Contact: Bob Morehouse, KB7ADO
2437 Allen Street
Kelso, WA 98626
Phone: 360-425-6076 (after 6 PM weekdays)
Email: kb7ado@aol.com

8 Sep 2001
Radio Club of Tacoma Graham, WA
http://www.w7dk.org
Contact: Lou Simmons, KB7WDB
21915 78th Avenue East
Graham, WA 98338
Phone: 253-847-5124
Email: kb7wdb@juno.com

30 Sep 2001
Chehalis Valley ARS Chehalis, WA
http://www.cvars.org
Contact: Bill Harwell, KC7QHJ
Phone: 360-748-8086
Email: kc7qhj@arrl.net

13 Oct 2001
North Kitsap ARC Bremerton, WA
http://www.silverlink.net/nkarc/hamfest.html
Contact: Susan Johnson, AB7MD
Phone: 360-697-9379
Email: nkarc@yahoo.com

20 Oct 2001
Mid-Valley ARES Rickreall, OR
http://www.teleport.com/~binder/swap.html
Contact: Bud Smith, N7BUD
Phone: 503-838-0266 Fax: 503-838-0262
Email: n7bud@arrl.net

11 May 2002
Stanwood-Camano ARC Stanwood, WA
Contact: John McCann, N7MZ
Phone: 360-629-2921
Email: huppert@whidbey.net

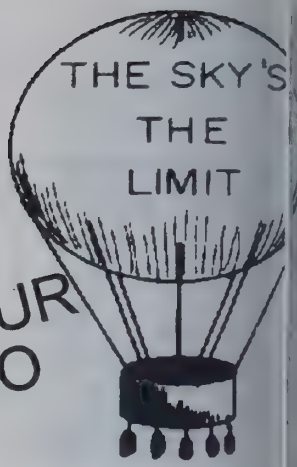
Stay tuned for more info coming about:

9 March 2002 - 21st annual Mike and Key ARC Electronics Show & Flea Market

SEAPAC 2002

SCHEDULE YOUR SWAPMEET VISIT

AUGUST CONTESTS



WITH AMATEUR RADIO

August 4-5
ARRL UHF Contest
North American QSO Party, CW
Ten-Ten Summer QSO Party, single op, phone only, 10 meters only.
QRP ARCI Summer Daze SSB Sprint

11-12
Maryland-DC QSO Party
Worked All Europe DX Contest, CW

18-20
ARRL 10 GHz and Up Cumulative Contest
New Jersey QSO Party
North American QSO Party, phone



25-26
TOEC WW Grid Contest, CW
W/VE Island Contest
Ohio QSO Party

Want more info, check
www.arrl.org/contests



ON THE WEB www.w7dk.org Come see us!

RADIO CLUB OF TACOMA–W7DK



ELECTRONICS FLEAMARKET



SATURDAY SEPTEMBER 8, 2001

Admission $5 (16 and under FREE with an adult)
FRONTIER PARK (Pierce County Fair Grounds)
21718 Meridian Ave. E. Graham WA.
Open 9 a.m. to 3 p.m.

From I-5 take exit 127 to SR–512 E. Go 8.6 miles to SR–161. Turn right on to Meridian St. Go south 7 miles to Frontier Park on your right. We'll have signs out to greet you!

Visit us at www.W7DK.ORG for more Fleamarket information

License Examinations on site at 10a.m.

On site Camping
Free showers for campers
Picnic area
Family Activities– Horseshoes, etc.
Ham gear
Commercial displays
Computers

FOR MORE INFO CALL:
Lou KB7WDB 253 847-5124
kb7wdb@juno.com
IF NO CONTACT:
Roger WA7ANJ 253 475-4293
rtwig@worldnet.att.net

Lots of FREE Parking
Plenty of Elbow room
Bring the Family

AT THE COUNTRY STORE
CONSIGNMENT SALES
DEMOS(PSK-31)and more!
Radio and Antenna testing

THE ANTIQUE STATION W7OS WILL BE "ON THE AIR"

FEEL THE HEAT! SEE THE GLOW!

Talk-in on 147.38,pl103.5 No reservations after Sept. 1st. Tables will be available on site
SET UP TIME: 2P.M.-7:30P.M. Friday----- 6A.M.-8:30A.M. Saturday

RETURN THIS PORTION FOR TABLE RESERVATIONS ONLY

Make checks payable to: RCT
Mail to: Radio Club of Tacoma
Box 11188
Tacoma, Wa. 98411

Name_____
Call_____
Address_____
City_____
State/Zip_____
Phone_____

#	DESCRIPTION	$
	Non- Commercial Tables@ $20 each Includes One Seller Admission	
	Helper Admissions@ $5 each We reserve the right to limit number of helpers	
	Commercial Tables@ $30 each w/two helper admissions	
	TOTAL AMOUNT ENCLOSED	

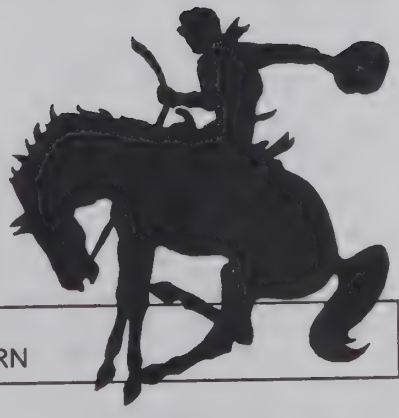
SA!
200

'HE LOGGER'S BARK
Radio Club of Tacoma, Inc.
'O Box 11188
'acoma, WA 98411

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TACOMA, WA
PERMIT NO. 1078

RETURN SERVICE REQUESTED

COMING EVENTS



SEP 5 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

SEP 7 thru 23 - DO THE PUYALLUP! It's Puyallup Fair time!

SEP 8 - W7DK Swap Meet at Pierce County Fairgrounds
Pinochle Potluck - 7 PM, Clubhouse

SEP 11 - License Exams - 7 PM - Clubhouse

SEP 12 - Club Meeting - Library Administration Center, 7:30 PM
Program: **THE MYSTERIES OF THE INTERNET REVEALED,** Roger, K8RN

SET 15 - BARK deadline

SEP 26 - Club Meeting - Library Administration Center, 7:30 PM
Program: **PORTABLE STATIONS FOR EMERGENCY OPERATION,** Mario, KD6ILO & Hal, W7EC

SEP 29 - Swap and Shop - 10 AM to 2 PM, Clubhouse

- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- Check in on the 10 Meter Net every Sunday evening, 8 PM, on 28.375 MHz USB
- **See page 3 for meeting program schedule.** Check the weekly net for updates to the program schedule.

DO THE PUYALLUP!

SEE YOU AT THE SWAP!

W7DK EVENTS

September 2001

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1 JAMES KELLY WA7DWG * 9:00 OPEN HOUSE 7:00 PM PINOCHLE POTLUCK
2 STUART ARESTAD W7OQQ *	3 Labor Day DAVE BARBER K7LHB *	4 LESTER FRIES KA7MU * 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	5 JAMES LEE N7WGN * TOM GILMORE W7PK * 7:30 PM RCT BOARD MTG	6	7 W7DK AT THE PUYALLUP FAIR	8 W7DK FLEAMARKET 9:00 AM TO 3:00 PM JUDY KIRKREIT AJ7R * 9:00 OPEN HOUSE
9	10	11 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	12 ERIC THOMPSON N7OIX * 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH & WALLER RD	13 RAY WINTER AC7KQ *	14	15 9:00 OPEN HOUSE
W7DK AT THE PUYALLUP FAIR						
16	17	18 WORTH GURLEY W7WG * 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	19	20 ERIC QUIST WA7WAL *	21 GARY BREIVIK N7GWC *	22 CHUCK INGE N7ETC * 9:00 OPEN HOUSE
W7DK AT THE PUYALLUP FAIR						
23 Robert Archer KC7KRH * W7DK AT TH...	24	25 CHRISTINA JOHNSON KC7WZC * ROBERT CROUCH KG7SM * 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	26 BUD MITZE K7BUD * FRANK BANNON KC7CQW * 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH & WALLER RD	27	28 LORNA NELSON KB7YTJ *	29 JOHN CURRIE W7ARK * AL BURLESON K7HW * Swap and Shop 10 AM to 2 PM Clubhouse 9:00 OPEN HOUSE
30						

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXVIII NR. 9 | W7DK | SEPTEMBER 2001

FROM THE PRESIDENT

Mick, KK7QS

We are nearing the end of our summer. Several projects have been finished around the clubhouse. I'm happy to report we were able to get our beam antenna back on the tower. Thanks to Gary Martek (W7DO) for donating the beam antenna to the club. The club will award Gary and his family a one-year membership for his donation. I would also like to thank Al (K7HW) for getting the beam ready to go up. On Thursday, Aug. 2nd, Alan Hughes (KB7SVU) and I (KK7QS) climbed the tower to proceed with the installation. It was quite a sight. Al (K7HW) hooked a cable to the back of his truck sitting in the far corner of the lot. Alan and I hooked the other end to the top of the tower. Al then tightened the cable with a come-along. We had a Gin-Pole mounted to the top of the tower with a rope going down through the center to the ground. The other end of the rope went through a pulley at the top of the pole and down to the beam. Morel (W6LIX), Roger (WA7ANJ), John (AC7LK), and Bud (K7BUD) worked on the ground to hoist the beam right up the tightened cable to Alan and I. (We actually looked like we knew what we were doing!) At that point, all Alan and I had to do was secure the beam to the mast and hook up the coax. Thanks to everyone for the help. We could not have done it without a good ground crew.

As I mentioned we had a fun and successful Field Day this year. It is now time for our annual flea market and our booth at the Puyallup fair. If you have not already done so, please contact Roger (WA7ANJ) and see what you can do to help at our flea market. There are many fun things that would be a big help to the club. It is Saturday Sept. 8th. Also, please contact Jill (K7JIL) for your free admission to the Puyallup fair. All you have to do to qualify is sit in the Radio Club Booth and boast about Ham Radio - four hours of boasting and the rest of the day to wander the fair. Pretty good deal, if you ask me, and a lot of fun too. I've got my spot. Do you have yours? See you there!

Please start thinking about maybe running for an office or a position on the board of directors. The Radio Club elections will be upon us before we know it. This year we will be electing a Vice President, a secretary and some board members. (Sorry, my job is not up yet.) Please think about it, as we will be needing "A Few Good Hams" to run things. It can be a lot of fun to get involved, and just think of all the good things that you can do the help the club.

73 de kk7qs.

IN THIS ISSUE...

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- **ARRL NEWS** - Page 10
- **ARES** - Back next month
- **MUSEUM MUSINGS** - Page 8
- **CONTESTS** - Page 4



DO THE PUYALLUP!



W7DK SWAP

RADIO CLUB OF TACOMA -- 1999

PRESIDENT	MICK PIER	KK7QS	847-8223
V PRESIDENT	MOREL GUYOT	W6LIX	838-5433
SECRETARY	ED ROOT	KC7OKS	851-7463
TREASURER	ROGER TERWILLIGER	WA7ANJ	475-4293
BOARD (5)	AL BURLESON	K7HW	474-9023
	WORTH GURLEY	W7WG	582-3844
	RICH MANSON	N7ANF	474-8883
	GEORGE NOBLE	KK7FM	756-1127
	FRANK PALMER	AC7JY	539-1685
LOGGER'S BARK STAFF			
EDITOR	KATHLEEN NACE	NØEYK	209-5624
REPORTERS	SHIRLEY MURPHY	N7QHW	265-3661
	ROGER TERWILLIGER	WA7ANJ	475-4293
	ROGER NACE	K8RN	209-5624
	DICK RYAN	W7RGD	627-0922
	JERRY SELIGMAN	W7BUN	845-7652
PHOTOGRAPHER			
ASSISTANT ED.	ROGER NACE	K8RN	209-5624
COMPOSITOR	KATHLEEN NACE	NØEYK	209-5624
PUBLISHER	W7DK PRESS	N7QHW	265-3661

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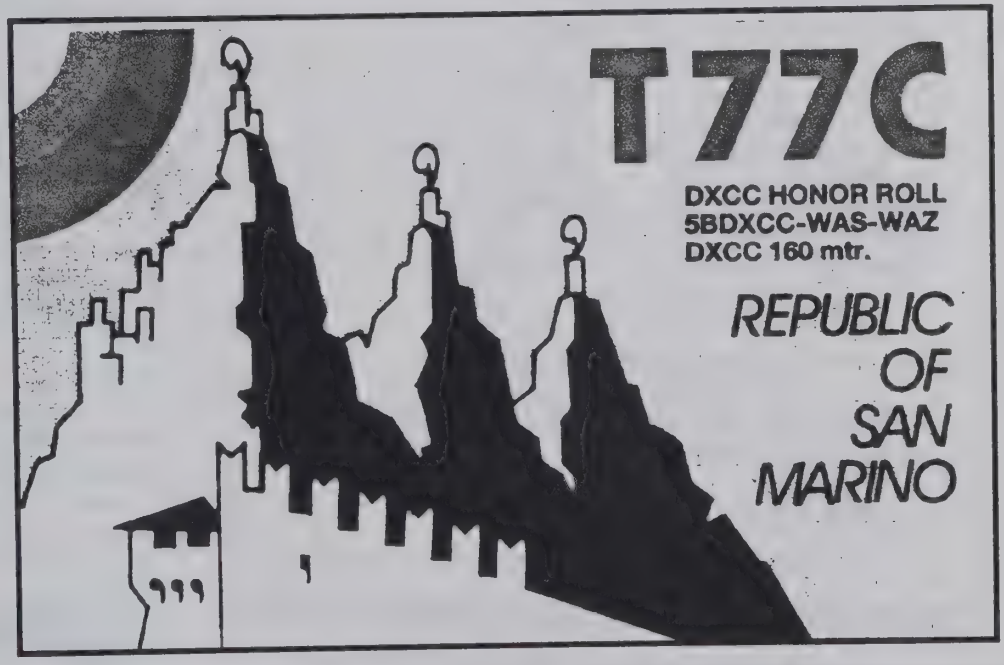
COMING PROGRAMS AT RCT

SEPTEMBER 12TH - THE MYSTERIES OF THE INTERNET REVEALED
Where does that e-mail message go when you click on the "send" button? Where do messages come from when you click on the "get messages" button? What servers and systems provide you with Web pages when you browse the Internet? Roger Nace, K8RN, will unravel the intricacy of the virtual world.

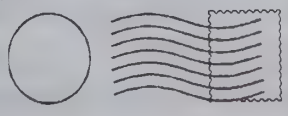
SEPTEMBER 26TH - PORTABLE STATIONS FOR EMERGENCY OPERATION
Mario Badua, KD6ILO, and Hal Stahlhut, W7EC, will host a "show and tell" of portable emergency radio equipment. All members are invited to bring their smallest portable stations, such as IC-706s, FT-817s and QRP transceivers. We will then brainstorm ideas for improvement for HF, VHF, and UHF stations for more efficiency and compactness in the field.

...and the QSL CARD for this month is...

The Republic of San Marino is the smallest independent state in Europe after Vatican City and Monaco. It's situated on the Adriatic side of central Italy and surrounded on all sides by the Republic of Italy. Its size is approximately 3 by 8 miles and the population is 24,500.



NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW TO CONTINUE RECEIVING YOUR BARK



ADDRESS CHANGES

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail.

Send changes to : Radio Club of Tacoma PO Box 11188 Tacoma, WA 98411-0188 or give them to Scott Clausen, KD7KQA, at meetings, telephone @ 253-925-8637 or email shbang@earthlink.net

If you are simply changing from your summer to winter address or vice versa you can notify Shirley Murphy, N7QHW, @ 253-265-3661 or email sundance@harbornet.com or Scott as indicated above.

AREA SWAP MEETS

8 Sep 2001
Radio Club of Tacoma Graham, WA
http://www.w7dk.org
Contact: Lou Simmons, KB7WDB
21915 78th Avenue East
Graham, WA 98338
Phone: 253-847-5124
Email: kb7wdb@juno.com

30 Sep 2001
Chehalis Valley ARS Chehalis, WA
http://www.cvars.org
Contact: Bill Harwell, KC7QHJ
Phone: 360-748-8086
Email: kc7qhj@arrl.net

13 Oct 2001
North Kitsap ARC Bremerton, WA
http://www.silverlink.net/nkarc/hamfest.html
Contact: Susan Johnson, AB7MD
Phone: 360-697-9379
Email: nkarc@yahoo.com

20 Oct 2001
Mid-Valley ARES Rickreall, OR
http://www.teleport.com/~binder/swap.html
Contact: Bud Smith, N7BUD
Phone: 503-838-0266 Fax: 503-838-0262
Email: n7bud@arrl.net

11 May 2002
Stanwood-Camano ARC Stanwood, WA
Contact: John McCann, N7MZ
Phone: 360-629-2921
Email: huppert@whidbey.net

Stay tuned for more info coming about:

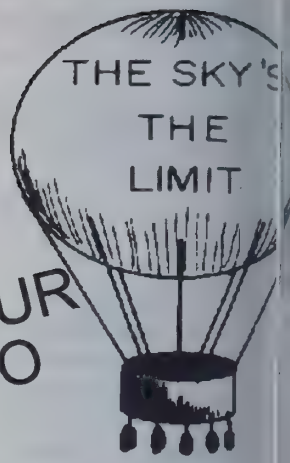
9 March 2002 - 21st annual Mike and Key ARC Electronics Show & Flea Market

SEAPAC 2002

SCHEDULE YOUR SWAPMEET VISIT



SEPTEMBER CONTESTS



WITH AMATEUR RADIO

8-10
ARRL September VHF QSO Party
Worked All Europe Contest, phone
North American Sprint, CW, 80, 40, 20 on
End of Summer PSK-31 Sprint, PSK-31 o

15-16
ARRL 10 GHz and Up Cumulative Contes
North American Sprint, phone
Washington State Salmon Run
Scandinavian Activity Contest, CW
Tennessee QSO Party

22-23
Scandinavian Activity Contest, SSB
Radio Club Panama XXX Anniversary Co

29-30
CQ WW RTTY Contest
Louisiana QSO Party
Texas QSO Party
Alabama QSO Party



Want more info, check
www.arrl.org/contests



ON THE WEB www.w7dk.or
Come see us!

MEETING MINUTES

Radio Club of Tacoma
Membership Meeting
25 July 2001

The meeting was started at 7:33 PM with the flag salute led by Mick, KK7QS. Introductions were made around the room.

Illness or Silent Key: Wade Palmer, WA7OHG, is a little under the weather.

Correspondence: Bills, newsletters, Flea Market reservation, bank statements, and a letter received by President Pier, from Ms. Lovey about the possible use of our parking lot.

Treasurer's Report: In the Bark

Announcements: Jerry, W7BUN, reported that we got the special call sign W7K for use during our 85th anniversary special event in October. All members participating would be able to use it.

Coming programs reported by Jerry are: On August 8, 2001, a report on HAM 2001, the biggest Ham Fest in Europe. August 22nd a video about the Kingman reef DXpedition. It was featured in the July QST.

Tonight's Program: All about QSL cards. Presented by Jake, N7WO.

Hints or Kinks: Hal, W7EC, reported on a butane torch available from Harbor Freight on 6th Avenue for $5. Roger, WA7ANJ, reported that coffee throughout Colorado was $1.80 a cup.

Special event: Dana, KD7KPZ, reported that a special motorcycle event will be held August 18 and 19. Ham operators are needed. Call her if you wish to help.

Old Business: The beam antenna is about to go back up. Alan, KB7SVU, will help put it up. Jerry, W7BUN, announced that he will be ordering new books from ARRL. If you want a specific one let him know.

Good Of The Order: The 50/50 drawing was for $27 and was won by Chuck, KC7UFR. The meeting was adjourned at 8:21 PM.



ELMER TODAY
VOLUNTEER!

SPECIAL SERVICE CLUB

TREASURER'S REPORT

de Roger, WA7ANJ

JULY '01 REPORT

GENERAL FUND:

INCOME

COFFEE	$18.49
DONATE	$125.00
DUES	$100.00
FLD DAY	$23.23
TOTAL	**$266.72**

EXPENSES

EQUIP	$12.38
EVENTS	$24.88
FEES	$138.89
POSTAL	$2.90
PHONE	$125.55 (2 MOS)
UTIL	$268.39
MISC	$63.50
TOTAL	**$636.49**

NET ***-($369.77)***
Loss for July '01

SUSPENSE FUND:

INCOME

BOOKS	$171.50

EXPENSES

NONE	$0.00

NET ***$171.50***
Gain for July '01

BOTTOM LINE:

LOSS OF -($198.27)
Net Loss, July '01

ARES/RACES

...de Shirley Murphy, N7QHW



AMATEUR RADIO EMERGENCY SERVICE

ARE YOU READY?

HEAR YE! HEAR YE!!

DO THE PUYALLUP!



Please check with Jill Palmer, K7JIL, at 253-539-1685 or via email at hamtalker2@aol.com for any available openings. We can always use people in backup positions.

Let's make a good effort to promote the amateur radio **SERVICE and the communications we can provide in times of emergency, ie. earthquakes, fires, etc.**

73 and thanks Shirley, N7QHW

Radio Club of Tacoma License Exams

SEPTEMBER 11, 2001

7 PM RCT Clubhouse

1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $10. For information call: Shirley Murphy, N7QHW @ 253-265-3661

Editor's Notes

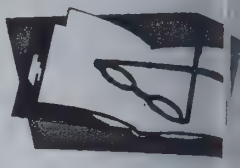
E-Mail address: kathleen@naceplace.com

THE TIME HAS COME for the FAIR and the FLEA MARKET! The ANNIVERSARY STATION is right around the corner! Let's make a splash with our special event call - W7K! Have a great month!

Kathleen, NØEYK

Amateur Radio Exams

in the Puget Sound Region as of February 2001



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

2nd Tuesday - 7:00 PM - Radio Club of Tacoma C house, 1249 S. Washington St. - Contact Sh Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Co Bill Thompson, K7OLY, Tumwater, 360-236-9048

2nd Saturday - 10 AM - **Tukwila** - Telephone Wireless Pioneer's Museum, 7000 W. Marginal Way, Conta Mary Lewis, W7QGP, 206-523-9117, Seattle

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 2222 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0 Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, Tobin Street - Contact Jan VanAllen, K7YH, in Ke 206-824-9039.

3rd Saturday - every 4th month - 9:30 AM - **Montes** High School - Pearsall Center, 2109 Sumner Ave. tact Nick Bender, NX7W, 360-249-4671, Montesano

3rd Saturday - 10 AM - **Shelton** - Shelton Airport - Contact - Dick Bostrom, N7LD, 360-426-4627, Shelton

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity ter, 6400 36th Ave. West - Contact Dwayne Brode KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Co Bill Thompson, K7OLY, Tumwater, 360-236-9048

4th Saturday - 10 AM - **Everett** - Everett Housing Au ity - 14th and Popular - Contact Loren Hole, KK7M, 335-5158, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, T nical Bldg, Olympic College - Contact Walt Wi AA7TL, 360-692-8326, Bremerton

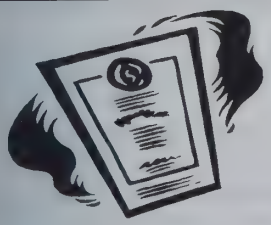
Please send updates to: Jerry Seligman, W7BUN, 1 80th Ave East, Puyallup, WA 98373 - 253-845-7652

10 METER NET

CHECK-INS

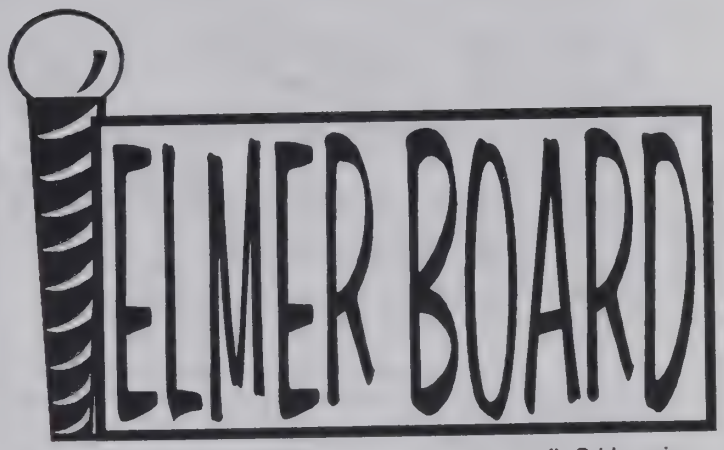
KD7AAG	MARK	(5)
WA7GHE	ERIC	(5)
K7JIL	JILL	(5)
AC7JY	FRANK	(5)
WA7GFC	GEORGE	(4)
AC7KQ	RAY	(4)
N8PSJ	PETE	(4)
KC7UFR	CHUCK	(4)
AC7LK	JOHN	(3)
W7BUN	JERRY	(2)
KD7NES	GWEN	(2)
KC7OKS	ED	(2)
KK7QS	MICK	(2)
KB7SVX	GENE	(2)
WA7WAL	ERIC	(2)
N7APP	BOB	(1)
AC7BU	AL	(1)
K7BUD	BUD	(1)
W9BYH	BILL	(1)
K7DBU	JACK	(1)
KD6FEA	RICHARD	(1)
WQ7H	JAMES	(1)
W6LIX	MORAL	(1)
W7LKG	RICK	(1)
KD7LZT	JOHN	(1)
N7MI	BRUCE	(1)
KA7MYU	LES	(1)
WA7OHG	WADE	(1)
N7QHC	DAN	(1)
KK7QW	PETE	(1)
K3ROT	BYRON	(1)
KC7UFX	TOM	(1)
KC7USS	DAVID	(1)

JULY



FIRST CONTACT AWARD

Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First Contact Award will be issued.



Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members area their areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment

Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Frank, AB7YZ	253-752-8520	2,3
Roger, WA7ANJ	253-475-4293	1,2,3,4,7,8,11

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the board!

(Ed. Note – We need more volunteers on the elmer board. Please add your name to the list!)



QST QST QST

From the W7DK Club Station

HF Net every SUNDAY 28.375 MHz USB 2000 Hrs. Local

Greetings to everyone! I hope that the hot August days were enjoyed by all of you as summer peaked. If you found it a bit too warm just remember, winter is just around the corner! For those of you that have visited the club station, you have probably noticed it gets very hot in the operating room! I hope you also noticed that the new beam is installed back on the tower and is fully operational. I was able to use it on the 4th of Aug. to pick up a few of the more distant stations that checked into the club 10 meter net. What a difference it makes! My thanks to everyone that helped in completing this project and helping the station become 100 percent operational again. I'm sure the club station and new antenna will get a work out when we have our 85th anniversary in October. More details for the planned operation will follow in the October issue of the BARK as they are worked out. It is planned to have the club station open for 48 hours of operation. Please plan on stopping in at the clubhouse and make a few contacts. We will be using a special call of W7K. Thanks to Jerry, W7BUN, for completing the necessary paperwork and getting this call. I would like some help with the special event operation. If you can act as a control operator and assist me in keeping the lights on and radio warm, please contact me so we can set up a time for you to be on duty.

The 10-meter net has been doing well and my thanks to all that have checked in and kept the frequency warm during my absence. If you can assist me in running the net as an alternate net control when I need to be out of town, please contact me. You can do it from your own station if you wish or I will make arrangements for you to use the club station. I would like to thank Bob, KG7SM, for updating the club's web site and adding information about the 10 meter net. I will be looking forward to returning and running the net on Sunday the 2nd of Sept.
73, Lynn Neece, KB6OKS, W7DK Station Manager
(253) 853-5973 KB6OKS@JUNO.COM

MUSEUM MUSINGS

With Worth Gurley, W7WG

Last month I promised to bring down Morel from somewhere over Miami heading for Cuba with a gun at the head of the first officer held by a large redheaded drunken hijacker. "Red" was demanding that Captain Morel Guyot fly the United Airlines Boeing plane to Cuba that he could see Castro. Morel followed the company policy of doing whatever a hijacker demanded within safety limits. Within weeks before this flight, there had been other hijackings, a couple of which ended tragic when the flight crew challenged the hijacker, so Morel following these guide lines is able to be our respected vice-president today. By following certain procedures air controllers, including those in Havana, knew the fl was heading to Cuba as directed by a hijacker.

Red rambled on about being in the special fo in the Marines in Viet Nam, but when the first officer mentioned that he, too, had been in the Marines, Red pointed a gun at the first officer's head saying that he hated the Marines and he was going to shoot him. M as captain of the flight, sternly yelled at Red that he needed the first officer to fly the plane, so if he shot t officer they all would crash.

About that time the plane entered the edge o thunderstorm they had been trying to avoid. The light flashed and the plane bounced around. When things calmed down Red placed his gun in the lap of the firs officer saying he was going to the "head". What to do

The dilemma was resolved by assuming Red had another gun on his person and the flight continue as before. Upon his return from the toilet his alcohol s den brain assumed they had landed and demanded t the flight attendants open the hatch and let him out. M rel told Red to be patient, pointing out the lights belo



Some time later when they actually landed at airport in Havana Red did not wait for the ladder to be put into place, but using his Special Forces technique himself out and dropped to the ground ...where he im diately was surrounded by Cuban military guards and taken away. Shortly thereafter, a guard dashed back the plane demanding the second gun!

The crew was interrogated but treated well, g ing them a fine dinner and accommodations in a rath sparse hotel, but the best that they had. The next day whole crew was given a tour of Havana which impres the crew as rather decaying, certainly not the sparklin city with all its casinos, bars, cabarets, etc. Morel had visited as a dashing Navy flier on leave during World II, nor Hemingway saw even earlier.

Eventually, the crew was allowed to fly back t the U.S., make their formal reports and receive high commendations from United Airlines. The flight attendants and first officer in their individual reports gave M rel credit for handling this emergency correctly and he ically saving all their lives and those of the passenger

The newspaper accounts reported that Red w s put into solitary confinement for several months by hi

communistic "friends", eventually being sent back to the U.S. through Canada as required by U.S. laws then and now. Instead of being tried in Miami, Red's father, an influential businessman and political contributor in Savannah, was able to get the trial to be conducted in that city. He was given a mild sentence due to temporary insanity...to the flight crew's dismay.

Captain Morel Guyot continued with his successful career, retired, returned to the chief hobby of his teenage days, amateur radio and became active in the Radio Club of Tacoma and its vice president. That was fitting since his extraordinarily successful flying career was a direct outcome of his involvement with ham radio.

With the "Elmering" of his junior high shop teacher in Hollywood, Morel earned his class B license (equivalent of General with tests of code speed at 10 wpm, essay questions explaining theory of Hartley or Colpitts oscillators, etc.) in 1932 at the age of 12. He built his own equipment out of bought or scrounged parts and was very active in CW operation. Eventually, he and his best ham buddy joined the Navy Communications Reserve with amateur radio nets. A few months before Pearl Harbor they were called into active duty, sent into training to become Navy operators.

At one point Morel and his buddy were given the opportunity to go into flight training, which they completed and spent some time flight-testing over the Caribbean preparing for the huge invasion of Japan. There they would have been in surveillance ahead of the main forces, a very delicate situation, indeed.

The atomic bombs ended the war and saved Morel and his buddy who went to work as pilots for United Airlines until their retirements. Without their early involvement with Amateur Radio they both would have been copying code or repairing radios on ships in the South Pacific, but without their great career paths after the war.

In fact, to me, Morel's life would have made a better Hollywood movie script than many of those old movies about Navy guys on leave. During his years as a student in Hollywood High School Morel not only built his own rigs, using old power line transformers for his California Kilowatt linears, but he started his own radio-repair business at home at a time not many people knew about "radio" (later called "electronics"). Then, he worked on his beloved jalopy which proudly had a sign in large letters "W6LIX", occasionally hung out with a group which at times included the famous Mickey Rooney as one of the guys.

He also had a girl friend from Beverly Hills named Fran. The Navy service and the War separated them, they lost track and each married someone else. Over 50 years later at a high school reunion they ran into each other, fell in love again, married. Fran moved up to this area and became W6LIX - XYL. A great script for the Romance of Amateur Radio, don't you think?



SATURDAY SWAP AND SHOP

Swap and Shop, **Saturday SEPTEMBER 29th**, at the clubhouse, from 10 AM to 2 PM. Bring items to sell (and money to buy!).



TUESDAY NIGHT NET JULY CHECK-INS

CALL	NUMBER OF CHEK-INS	NAME
KD6ILO	1	MARIO
KD7AAG	2	MARK
W7AEA	4	MAX
N7ANF	2	RICH
N7BAA	1	BILL
KJ7BN	2	MARILYN
AC7BU	2	AL
K7BUD	4	BUD
W7BUN	5	JERRY
KD7DKY	2	JAY
W7DON	2	DON
N7EAY	1	ALAN
W7EC	1	HAL
KK7FM	4	GEORGE
KD7GUK	1	CARRIE
KA7HJN	1	CHUCK
KD7IGY	1	WILMA
W7IMW	2	JACK
KA7IOX	1	SCOTT
K7JIL	4	JILL
KC7JME	3	NORA
AC7JY	4	FRANK
AC7KQ	3	RAY
AC7LK	3	JOHN
KD7NES	2	GWEN
WA7OHG	3	WADE
KC7OKS	3	ED
KB7QAG	5	JEFF
N7QHW	5	SHIRLEY
N7QHX	5	TOM
N7QOZ	5	BOB
KK7QS	2	MICK
M7RHV	1	DICK
W7RW	4	ANDY
K7SAA	1	ED
W7SKI	3	BOB
KB7SVX	4	JEAN
KC7VUM	2	LOU
KB7WDB	3	LOU
W7WG	1	WORTH
W7WIA	1	OLIVER
AB7WJ	4	BILL
NF7Y	5	SCOTT



NET CONTROLS	
JULY 5	KK7QS
JULY 12	KB7SVX
JULY 19	AC7BU
JULY 26	K7BUD
JULY 31	W7BUN

◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet.

FCC INVITES 60-METER PETITION COMMENTS

The FCC is accepting comments on the ARRL's petition seeking the allocation of 5.250 to 5.400 MHz to the Amateur Service on a domestic (US-only), secondary basis. The Commission put the proposal on public notice this week and assigned a rulemaking number, RM-10209, to the proceeding. Comments are due by September 12, 2001.

Interested parties may comment on the proposal using the FCC's Electronic Comment Filing System (EFCS) <http://www.fcc.gov/e-file/ecfs.html>; Commenters should reference "RM-10209" in their postings. Even if the FCC eventually okays the petition, it's likely to be several years before the new band actually becomes available.

In its petition, the ARRL told the FCC that the new band would aid emergency communication activities by filling a "propagation gap" between 80 and 40 meters, particularly for emergency communications during hurricanes and severe weather emergencies. The ARRL also said a new 150-kHz allocation at 5 MHz also could relieve substantial overcrowding that periodically occurs on 80 and 40.

The ARRL has proposed that General class and higher amateurs be permitted to operate CW, phone, data, image and RTTY on the new band running maximum authorized power. No mode-specific subbands were proposed. If allocated to the Amateur Service on a secondary basis, hams would have to avoid interfering with--and accept interference from--current occupants of the spectrum, as they already do on 30 meters.

The ARRL said that its successful WA2XSY experimental operation between 1999 and this year has demonstrated that amateur stations can coexist with current users and that the band is very suitable for US-to-Caribbean paths.

A copy of the ARRL petition is available on the ARRL Web site, <http://www.arrl.org/announce/regulatory/5MHz>;.

ARRL TO FCC: STOP THE ENCROACHMENT!

The ARRL has called on the FCC to put an end to commercial encroachment on amateur allocations at 2.3 and 2.4 GHz. The League included the request in its reply comments, filed August 16, on a petition by AeroAstro to share co-primary status with the Amateur Service at 2300 to 2305 MHz. The ARRL reiterated its stance that the company's petition represents "a Trojan Horse" and that there is no way that Amateur Radio and AeroAstro's position monitoring system could share the same spectrum.

"It is time for the Commission to stop those encroachments, because they have gone too far already," the ARRL said.

The League said AeroAstro's petition for a commercial Miscellaneous Wireless Communication Service allocation at 2300 to 2305 MHz not only would impose "preclusive operating conditions" on hams but represents "yet another in the continuing series of encroachments into amateur allocations between 2300 and 2450 MHz. The ARRL asserted that AeroAstro has failed to back its claim that hams and low-power commercial operations can share the band on a co-primary basis without interfering with each other. An interference study prepared by the ARRL Lab and attached to the League's comments predicts "intolerable" interference, especially to weak signals, if the AeroAstro petition were granted.

ARRL has petitioned to elevate the Amateur Service from secondary to primary status on the band and requested that no commercial operations be introduced. AeroAstro seeks co-primary status with the Amateur Service to accommodate its Satellite Enabled Notification System (SENS) position-monitoring system under MW rules. The FCC put both petitions on public notice last month, and both parties filed comments earlier this month. There is no primary occupant at 2300-2305 MHz.

"There is no dispute that the segment near 2300 MHz is uniquely suited to amateur weak-signal communications, and the remainder of that segment is used and useful for other types of amateur communication," the ARRL said in its reply comments.

AeroAstro says its 1 W spread-spectrum SENS uplinks and Amateur Radio can share the 5 MHz of spectrum and still protect the nearby NASA Deep Space Network. While contending that it "does not seek to cut back current Amateur operations in the band," AeroAstro also asked the FCC to severely limit amateur power levels in the band. The ARRL has called those recommendations "Draconian" and "unacceptable."

The ARRL has contended that AeroAstro should wait until the FCC finalizes another proceeding, ET Docket 00-221, that would make spectrum at 1670 to 1675 and 2385 to 2390 MHz available for the MWCS system it proposes.

The League asked the FCC to dismiss the AeroAstro petition as defective and to grant the League's petition for primary amateur status at 2300 to 2305 MHz.

A copy of ARRL's reply comments in the proceedings, RM-10165 and RM-10166, are available on the ARRL Web site <http://www.arrl.org/announce/regulatory/rm-10166/rm-10166-reply.html>;

ARRL ANNOUNCES AMATEUR RADIO INTERFERENCE ASSESSMENT PROJECT

The ARRL has inaugurated the Amateur Radio Interference Assessment (ARIA) project. The effort will involve amateur volunteers across the country to assess the noise levels primarily from unlicensed devices in bands above 400 MHz.

ARRL President Jim Haynie, W5JBP, has advised the FCC that ARRL plans to conduct ARIA as a "real-world" noise study. The League will contribute its results to an overall radio noise study sponsored by the FCC Technological Advisory Council. The TAC study will look into whether noise generated by low-power unli-

ensed Part 15 devices is on the rise and whether it's adversely impacting other services.

ARRL's role will be to measure radio noise in the amateur bands above 400 MHz, with initial emphasis on the band 2400-2450 MHz, where Bluetooth and IEEE 802.11b-protocol wireless local area networks are gaining popularity. The ARIA's noise-measurement program will begin with some exploratory tests by the ARRL Laboratory.

Long-term tests starting next year will assess noise trends on the UHF/microwave bands over a period of several years to determine if the situation is staying the same, getting worse or getting better.

"If it's getting worse, as some suspect, we will then be armed with factual data to develop a strategy for continued Amateur Radio access to the UHF/microwave spectrum," said ARRL Technical Relations Manager Paul Rinaldo, W4RI.

ARIA is attempting to identify volunteers to participate in the program. Rinaldo asked that "qualified and motivated" individuals send resumes and information related to test and measurement capability and equipment availability to aria@arrl.org.

Initial volunteers should be willing to review the test plan, have receiving equipment and antennas capable of covering the 2400-2450 MHz band in a vehicle, and be able to report results in a timely manner.

SOLAR CYCLE 23 UPDATE

The maximum of Cycle 23 occurred in April 2000 at a smoothed sunspot number of 121. Cycle 23 continues its descent to minimum, which is predicted to be in the 2006 to 2007 time frame.

WE'VE NEVER HEARD THIS ONE BEFORE

ARRL staffers have heard a lot of stories from members about how they became interested in Amateur Radio, but, as Assistant Circulation Manager Kathy Capodicasa, N1GZO, says, "We've never heard this one before!" As she relates the story, she spoke to a mom who had placed an order on behalf of her young son for Now You're Talking and ARRL's Tech Q&A. "When I asked her how her son found out about these titles, she informed me that they had been at the dump and her 11-year-old son started snooping around among the magazines and newspapers dropped off for recycling, and he came across the July issue of QST," Capodicasa said. "She told me that he hasn't been able to put it down since." Of course, an easier–and less messy–way to find out more about Amateur Radio is to visit the ARRL Web site and on-line catalog <http://www.arrl.org/catalog/>



FCC ACTION PUTS AMATEUR ALLOCATION IN PERIL

The FCC has included a primary Amateur Service allocation among bands it plans to examine to support the introduction of advanced wireless services, including third-generation (3G) mobile systems. Meeting August 9, the FCC said it will seek comments on reallocating some spectrum in the 2390 to 2400 MHz amateur segment as well as in the non-amateur 1.9 and 2.1 GHz bands for unspecified mobile and fixed services.

The FCC adopted a Memorandum Opinion and Order and Further Notice of Proposed Rulemaking that explores additional bands to support advanced wireless and 3G services. The FCC said the further proceeding supplements the record of its January 2000 advanced wireless spectrum proposals by providing "new allocation options," adding that it would "seek comment on the benefits and costs of each."

The Commission said it "intends to explore spectrum options that would complement, rather than substitute for" alternatives identified in the January 2000 NPRM. Besides 2390 to 2400 MHz, the additional bands are 1910-1930 MHz, 1990-2025 MHz, 2150-2160 MHz, and 2165-2200 MHz. The 2390-2400 MHz band is also available for certain unlicensed uses under FCC Part 15 rules.

ARRL General Counsel Chris Imlay, W3KD, and other observers believe the FCC is eyeing 2390 to 2400 MHz as one place to move other services displaced to make way for 3G. "We could have anything in there," he said. "It's totally up in the air." Unclear until the FCC finally acts in the matter is whether amateurs might continue to have access to the band on a shared basis.

Imlay cautioned the Amateur Radio community to hold off any comments to the FCC until the Commission actually issues its Further Notice of Proposed Rulemaking and requests comments.

The issue was presented to the FCC by the Wireless Telecommunications Bureau and the Office of Engineering and Technology. "The WTB presentation included reference to 2390-2400 MHz and said the Commission was particularly interested in the impact of the proposal on the Amateur Service," Imlay said. Gloria Tristani, the only commissioner to comment on the issue, expressed concern about how the FCC's action would affect the Amateur Service.

The FCC says it plans to seek comments on the potential for commercial use of the additional bands "for new advanced wireless services or for the relocation of other incumbent licensees or operators" displaced by any final allocation decision; the advantages and disadvantages of the options, including their potential use for advanced wireless services; the potential effect of the allocation proposals on existing and prospective users of the bands and the services they provide; and the effect that allocating the additional bands or portions of them might have on global compatibility for advanced wireless services to the extent not identified by World Radiocommunication Conference 2000.

In addition to 2390 to 2400 MHz, the Amateur Service has primary allocations in this part of the spectrum at 2402 to 2417 MHz. The ARRL has asked the FCC to grant the Amateur Service primary status at 2400 to 2402 MHz, and Imlay said he's optimistic the petition will be granted. The AO-40 satellite has been successfully using that band for downlink telemetry and transponder operation and AMSAT plans a similar downlink for its next satellite project.

Earlier this year, the ARRL re-petitioned the FCC

for primary status at 2300 to 2305 MHz. The League's petition faces competition from AeroAstro, which wants co-primary status with the Amateur Service for its commercial satellite-based location service.

NEW AMATEUR SATELLITE TO LINK REMOTE APRS NODES

A new Amateur Radio tracking and communications satellite called PCSat is scheduled to launch September 1 (0100 UTC) from Alaska. PCSat will augment the existing Amateur Radio Automatic Position Reporting System (APRS) by providing links to the 90 percent of Earth's surface not covered by the terrestrial network.

Designed and assembled by midshipmen at the Naval Academy in Annapolis, Maryland, PCSat's first mission was to provide practical hands-on experience in support of the students' aerospace curriculum. The midshipmen worked under the guidance of Academy Senior Project Engineer Bob Bruninga, WB4APR--the acknowledged "father of APRS."

"We hope that PCsat will be a new direction for amateur satellites by serving the communications needs of travelers with only mobile and hand-held radios anywhere on Earth," Bruninga said. PCSat will be the first satellite to report its exact position directly to users via its onboard GPS. This means that whenever the bird's in view, users won't need tracking software to determine its position.

According to Bruninga, the satellite will demonstrate vehicle tracking and communication for GPS-equipped remote travelers--including Naval Academy vessels at sea, cross-country travelers, expeditions or anyone far from the existing APRS terrestrial tracking infrastructure <http://web.usna.navy.mil/~bruninga/digis.html>;

In addition to its APRS capabilities, the satellite will offer 1200 and 9600-baud packet operation on VHF (145.825 MHz) and UHF (435.250 MHz). For APRS digipeating, the satellite will use the recognized North American APRS frequency of 144.39 MHz.

Bruninga said that PCsat should make a great classroom tool, since its telemetry can be received by any hand-held packet radio for display to students on their PCs. "And with the Internet connectivity of ground stations worldwide," he said, "classes are not limited to observing passes only over their school, but anytime PCSat is in view of any other participating school."

PCSat was deemed spaceworthy last month. Bruninga left this week for Alaska and the launch preparations. PCSat will be one of four satellites in the Kodiak Star payload, and the only one with Amateur Radio capabilities. The others are Sapphire, Starshine III, and Pico-Sat.

For more information, visit the PCSat Web site, <http://web.usna.navy.mil/~bruninga/pcsat.html>;

FCC AFFIRMS DENIAL OF CB DX PETITION

The FCC has affirmed its decision of a year ago and denied a Petition for Reconsideration of a proposal to amend FCC Part 95 rules to permit DXing on the 11-meter Citizens Band. The petition, filed by Popular Communications Contributing Editor Alan Dixon, N3HOE, sought to lift the prohibition on communication or att to communicate with CB stations more than 250 km (approximately 155 miles) away and to contact stati other countries.

Dixon asked the FCC last September to rec sider its denial of his petition, designated RM-9807, the grounds that the Commission had not addresse emergency communications and the applicability of on the distance of such communications. In declinin 30 to reverse or revise its earlier denial, the FCC ma tained that it had turned away Dixon's petition in the place because it was inconsistent with the fundame purpose of the CB Radio Service. The FCC said it h already considered the matters raised by Dixon's Pe for Reconsideration and did not believe it had to ad every type of communication for which the service m be used.

The FCC said individuals finding themselve an emergency situation would be more likely to hav other radio services available to them, such as ama marine, land mobile or cellular. "Further, we believe messages from these stations are more likely to res the individual quickly obtaining the needed emergen services," the FCC concluded.

The ARRL had commented in opposition to initial petition but did not comment on Dixon's Petitio Reconsideration.

FCC COLLECTING DATE-OF-BIRTH INFO ON FORM 605

With no fanfare or public announcement the began collecting date-of-birth information on its FCC Form 605 earlier this year. The information is a requ entry (on line 11a) of the Form 605 as modified in M 2001 for both Amateur Radio and commercial opera including Restricted Radiotelephone applicants. The has said it's not making the information public but wi it for internal purposes. The FCC stopped collecting publishing dates of birth several years ago. The Nat Council of Volunteer Examiner Coordinators' versio the form, NCVEC Form 605--the one most new and grading amateur applicants encounter--does not yet quire a date of birth, nor is one required at this point on-line applicants. It's expected to be required in the ture, however.

"LOGBOOK OF THE WORLD" SOFTWARE DESI UNDER WAY

Fast on the heels of approval of the "Logbo the World" by the ARRL Board of Directors, softwar sign to support the electronic contact-verification pr is moving full speed ahead. ARRL Membership Se Manager and LOTW Project Manager Wayne Mills, N7NG, said the ARRL hopes to make LOTW softwa modules available soon to vendors for incorporation their logging programs.

"We have been in touch with 15 or so devel of popular logging software," Mills said. "We're also ing at providing a basic,do-it-yourself program to ge tact data to ARRL."

The logging software modules are being de

ped as part of the Trusted QSL open-source project eaded by Darryl Wagoner, WA1GON.

At the heart of the Logbook of the World concept s a huge repository of log data provided by operators– om individual DXers and contesters to major DXpedi- ons–and maintained by ARRL. Mills says the system will enefit big and little guns alike by providing quick QSO redit for awards offered by ARRL, and, it's hoped, for wards offered by other organizations as well.

Once it becomes available–which could be as arly as the middle of next year–Logbook of the World ill accept authenticated data directly from computerized ogs via the Internet. "This is an e-mail based system that ses easy-to-obtain digital signatures for authentication," Mills said. "Once you get your digital certificate, a few eystrokes will do the trick."

Mills said the program envisions user access to he LOTW "confirmed database" so an operator can see what "matches" turn up–such as confirmation of new XCC entities, states or grid squares. "We'll also publish a list of logs that have been submitted," he said, adding hat operators may access the LOTW database once hey've uploaded their own log data.

Heading up software development is ARRL Elec- ronic Publications Manager Jon Bloom, KE3Z, along with Web Applications Developer Mark Simcik, WA1VVB. Software specifications already have been established. In addition to Wagoner, those assisting the project include Dick Green, WC1M, Ted Demopoulos, KR1G, and ARRL staffer and well-known contester and DXer Dave Patton, NT1N.

Mills said that he hopes to be able to announce a specific inauguration date for Logbook of the World within a few months.

FCC LEVIES $10,000 FINE FOR UNLICENSED HAMMING

The FCC has levied a $10,000 fine on an East Palo Alto, California, man for transmitting without a license on amateur frequencies. Earlier this year, the Commission had proposed forfeitures totaling $17,000 in the case of Joshie Yasin Nakamura Sr, who also is known as "Mervyn Ehambrave" and "Marvin Eugene Barnes." The FCC's Forfeiture Order, released July 6, offered no explanation for the discrepancy in the figures. The fine stemmed from complaints about Nakamura to the FCC that date back to late January through March of 2000. The Commission says it heard from the amateur community and from members of the ARRL Amateur Auxiliary that an unlicensed station was operating on several amateur frequencies. Nakamura reportedly is being detained by state authorities on unrelated felony charges and did not respond to the earlier FCC notice.

PACIFIC NORTHWEST VHF CONFERENCE SET FOR SEPTEMBER 22

The Pacific Northwest VHF Conference will be held Saturday, September 22, in Tacoma, Washington, at the Best Western Tacoma Inn. Registration forms, conference and hotel information are on the Pacific Northwest VHF Conference Web page <http://www.qsl.net/n7cfo/hamfests/vhfcon.pdf>;. For additional information, e-mail Jim Aguirre, <w7dhc@arrl.net>;.

ARRL BOARD CALLS FOR CONGRESSIONAL ACTION ON CC&RS

Meeting July 20-21 in Connecticut, the ARRL Board of Directors adopted a goal of legislative action to provide amateurs the same protections from real estate covenants, conditions and restrictions now enjoyed under FCC rules by home satellite dish owners and others receiving over-the-air broadcast signals.

Board members felt that amateurs should be granted the right to install an antenna having a visual impact similar to that of a home television satellite dish or other antenna that falls under the FCC's Over the Air Reception Devices (OTARD) policy. The FCC reaffirmed the OTARD rule in 1999. It prohibits restrictions that impair the installation, maintenance or use of antennas used to receive video programming.

The Board also adopted a revised band plan for 160 meters based on a proposal from the ad hoc 160-Meter Band Plan Committee. Among other details, the plan adopted sets aside a segment for digital modes from 1.800 to 1.810 MHz, maintains CW operation for the entire 1.8 to 2.0 MHz band, recommends a lower limit of 1.843 for SSB operation, and offers QRP CW and SSB calling frequencies at 1.810 and 1.910 MHz. Gone is the 1.830 to 1.850 MHz "DX window." The committee recommended that contest sponsors "consider the use of DX windows as necessary." The plan accommodates established AM calling frequencies on 160.

The ARRL Board of Directors also endorsed the Logbook of the World. An electronic alternative to collecting traditional QSLs for awards, the project goes beyond simply replacing printed cards with electronic versions. Logbook of the World will make use of electronic confirmations within a giant repository of QSO information maintained by ARRL. Digital security methods will ensure data integrity and authenticity.

The Board also approved a new QRP DXCC award. Applications likely will be accepted starting early next year. No QSL cards would be required, and there would be no time limits or endorsements.

The Board approved a plan to invite all International Amateur Radio Union Region 2 countries to take part in Field Day starting in June of 2002. This would expand participation in the popular annual event to include stations in both North and South America.

The Board also resolved to encourage hamfest and convention sponsors to offer free admission to anyone under 16 years old and accompanied by a paying adult.

The Board also recognized ARRL Southeastern Division Vice Director Evelyn Gauzens, W4WYR, for her 22 years of service. Gauzens has announced that she will not seek another term.

AMSAT DETAILS NEW SATELLITE PROPOSAL, KICKS OFF FUND DRIVE

AMSAT has begun to flesh out details of its next Amateur Radio satellite. Preliminary plans call for the new

bird to have capabilities similar to those now offered by AO-40, plus a digital transponder that will be different from anything now available in Amateur Radio satellites. A campaign was begun to fund the new satellite project–dubbed "Project JJ" and now planned to launch in 2004.

AMSAT-NA President Robin Haighton, VE3FRH, has promised an open design process and invited comments and suggestions. Twenty of AMSAT-NA's designers and officers were on hand at a planning meeting July 14-15 in Denver to hammer out some project parameters.

In a President's Letter this week, Haighton said current plans call for the satellite to offer SSB uplinks on 435 MHz (U band) and 1.2 GHz (L band) and a downlink on 2.4 GHz (S band). It also will have a digital time-domain multiple-access (TDMA) L-band uplink with an S-band downlink; a 145 MHz (V band) telemetry beacon; gain antennas for U, L, and S-bands; and omnidirectional antennas for initial commands.

The new satellite will be placed into an orbit akin to that of AO-40, providing hours of daily access.

Haighton told ARRL that Project JJ planners still were looking at the possibility of including a U band transponder for Mode U/V work. "It hasn't been ruled out and hasn't been ruled in," he said.

Haighton's especially enthusiastic about the proposed TDMA digital transponder, which would handle digital voice-mode communication. "I liken it to the introduction of SSB back in the days of AM," he said. "I think it's going to be a lot of fun."

The new satellite will incorporate a propulsion system "only if absolutely necessary," Haighton's letter said.



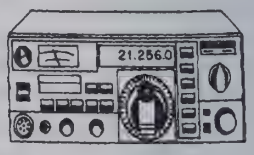


ARRL RCT VE Team Report

In August 2001, we tested 4 persons duri
our VE Team testing sessions. Out of the 4 people,
people either upgraded their license or achieved a n
license.

Overall, there were 5 test elements given.
were passing and no failures for a percentage rate o
100% passing. Achievements included 3 Technician
Class licenses and 1 person upgraded from Novice
General class.

Congratulations to all and stay tuned for fu
exam testing results in the future.
73, Shirley, N7QHW
Radio Club of Tacoma VE Team Liaison



ARRL MEMBERSHIP

If you haven't joined or
joined the ARRL, please do
through the Radio Club of
coma! The ARRL is the ma
voice for Amateur Radio in the
and, besides providing a wealth
information to its members, th
provide us with a voice in Wa
ington to help protect the intere
of all amateurs. Additionally, R
is an ARRL Special Service Cl
and RCT needs to have at le
51% of its members belong to
ARRL to retain its Special Serv
Club status. See the Treasurer
application forms, and bring y
ARRL renewal notices and rej
through the club. The club
ceives a commission for each n
or renewed membership s
through the club.

JOIN TODAY!
See our club treasurer for details.

SPECIAL SERVICE CLUB

RADIO CLUB OF TACOMA–W7DK

ELECTRONICS FLEAMARKET

SATURDAY SEPTEMBER 8, 2001

Admission $5 (16 and under FREE with an adult)
FRONTIER PARK (Pierce County Fair Grounds)
21718 Meridian Ave. E. Graham WA.
Open 9 a.m. to 3 p.m.

From I-5 take exit 127 to SR-512 E. Go 8.6 miles to SR-161. Turn right on to Meridian St. Go south 7 miles to Frontier Park on your right. We'll have signs out to greet you!

Visit us at www.W7DK.ORG for more Fleamarket information

License Examinations on site at 10a.m.

On site Camping
Free showers for campers
Picnic area
Family Activities– Horseshoes, etc.

Ham gear
Commercial displays
Computers

FOR MORE INFO CALL:
Lou KB7WDB 253 847-5124
kb7wdb@juno.com
IF NO CONTACT:
Roger WA7ANJ 253 475-4293
rtwig@worldnet.att.net

Lots of FREE Parking
Plenty of Elbow room
Bring the Family

AT THE COUNTRY STORE
CONSIGNMENT SALES
DEMOS(PSK-31)and more!
Radio and Antenna testing

THE ANTIQUE STATION W7OS WILL BE "ON THE AIR"

FEEL THE HEAT! SEE THE GLOW!

Talk-in on 147.38,pl103.5 **No reservations after Sept. 1st. Tables will be available on site**
SET UP TIME: 2P.M.–7:30P.M. Friday----- 6A.M.–8:30A.M. Saturday

RETURN THIS PORTION FOR TABLE RESERVATIONS ONLY

Make checks payable to: RCT
Mail to: Radio Club of Tacoma
Box 11188
Tacoma, Wa. 98411

Name_____
Call_____
Address_____
City_____
State/Zip_____
Phone_____

#	DESCRIPTION	$
	Non- Commercial Tables@ $20 each Includes One Seller Admission	
	Helper Admissions@ $5 each We reserve the right to limit number of helpers	
	Commercial Tables@ $30 each w/two helper admissions	
	TOTAL AMOUNT ENCLOSED	

OCT 2001

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
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Tacoma, WA 98411

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COMING EVENTS

OCT 3 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

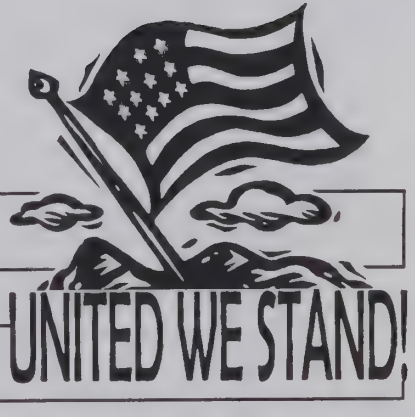
OCT 6 - Technician Class starts at Clubhouse. Continues on Oct. 7
Pinochle Potluck - 7 PM, Clubhouse

OCT 9 - License Exams - 7 PM - Clubhouse

OCT 10 - Club Meeting - Library Administration Center, 7:30 PM
Program: **HAM RADIO FOR THE DISABLED**

OCT 15 - BARK deadline

OCT 24 - Club Meeting - Library Administration Center, 7:30 PM
Program: **OPERATING QRP (LOW POWER)**



OCT 27 - Swap and Shop - 10 AM to 2 PM, Clubhouse

- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- Check in on the 10 Meter Net every Sunday evening, 8 PM, on 28.375 MHz USB
- **See page 3 for meeting program schedule.** Check the weekly net for updates to the program schedule.

HAPPY 85th ANNIVERSARY W7DK!

W7DK EVENTS

October 2001

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 BILL WATSON W9BYH *	2 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	3 BILL ALLEN KD7ENB * 7:30 PM RCT BOARD MTG	4	5	6 9:00 OPEN HOUSE 7:00 PM PINOCHLE POTLUCK
7	8 Columbus Day	9 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	10 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH & WALLER RD	11 DEL CHASE KB7PKI *	12	13 NORTH KITSAP ARC SWAP MEET - BREMERTON HERB WESTON KC7BAA * 9:00 OPEN HOUSE
14 DEL KOHLER W7JG * JESSICA PALMER KC7ZWM * MILTON LOFLIN KD7GUD * ETHEL DEVISH W7WLX *	15	16 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	17 SUSAN BALDWIN KC7AVS * THOMAS SADLER KC7UFX *	18 JILL PALMER K7JIL *	19	20 HARVEY BISHOP W7RMI * 9:00 OPEN HOUSE
21 GAIL WOLVIN KB7UON *	22 DAWN PIER KC7VZM *	23 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	24 JEAN TRELOAR KB7SVX * KERMIT THOMPSON W7PMR * 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH & WALLER RD	25 CLIFFORD ROSS KC7CLV *	26 BILL WASECHE KE7CG *	27 Swap and Shop 10 AM to 2 PM Clubhouse 9:00 OPEN HOUSE
28 Daylight Saving Time ends MONTE SIMPSON W7MLS *	29 ROGER TERWILLIGER WA7ANJ *	30 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	31 Halloween			

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXVIII NR. 10 | W7DK | OCTOBER 2001

FROM THE PRESIDENT

Mick, KK7QS

With our heads bowed and hats off, our hearts go out to all the victims, their families and friends of the recent terrorists' "Attack on America". We were viciously attacked from inside, without warning. America is strong and we will recover, but the scar will remain in our memories forever. Things like this serve to remind us how quickly an emergency can occur, and how important it is to keep ourselves prepared and ready to handle the communication needs of any emergency. This is why we have activities like Field Day and our upcoming special event station. These activities give us the opportunity to hone our abilities to operate under different conditions, and to learn how important it is to work together. Please find out who the emergency coordinator for your area is and get hold of them and find out how you can help if disaster strikes us. Where should I go? What frequencies should I use? Everyone should know what to do once they have taken care of their family needs. Ask how you can help. Talk to one another. Hang out at the club on Saturdays. We need to be prepared.

Our annual flea market was a success this year. We tried something a little different. Jerry, W7BUN, ordered mailing labels from the ARRL. They were for all the ARRL members in our surrounding area. There were several thousand so you can see our advertising went a little more widespread. Because of this we had a large attendance. We sold around $500.00 from the club's Country Store Consignment table. The food booth didn't do as well this year, taking only $73.21 in profit. The flea market wound down a little earlier this year, around 1 PM. So we didn't get a chance to feed the hungry afternoon crowd. I understand we still made over $3000.00. I'll let the Treasurer give the final figures. We should start thinking about next year. We will have to work hard to draw this crowd back next year. We will have to do more than just send out mailers. The suggestion box is open.

Coming up in October is our "Special Event QSO Party" to celebrate 85 years of continuous operation as an Amateur Radio Club. The Radio Club of Tacoma has been in continuous operation since October 20, 1916. We are very proud of this and want to share our excitement with as many people as possible. To do this, we are going to open the clubhouse on Friday afternoon October 19th at 5:00 PM and keep it open until 5:00 PM on Sunday the 21st. We will be armed with a special vanity call (W7K) and we will begin to make as many contacts on as many modes as we can. We would like everyone to drop in and help. We are making special QSL Cards, and certificates for stations from each state or country making the most contacts with RCT members using the W7K call sign. If you can't come by and work from the clubhouse you can use your home station or a portable station. Everyone in the club will be able to use W7K. Just put your station call after W7K: i.e. W7K/your station call. Keep a list of your contacts, as they will want to be counted in the QSO party to reach as many W7K operators as possible (you know, for the certificate). We will also give a certificate to all club members that put in at least 1 hour at the club station. We have had a couple of meetings to plan this event. If you are interested or just have questions we are planning one more meeting before the event. It will be Thurs. Oct. 4th at the clubhouse at 7:30 PM. This will be the last meeting before the event. Hope to see you there. 73 de KK7QS

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RADIO CLUB OF TACOMA -- 1999

PRESIDENT	MICK PIER	KK7QS	847-8223
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	JERRY SELIGMAN	W7BUN	845-7652
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COMPOSITOR	KATHLEEN NACE	NØEYK	209-5624
PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 253-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350 #14060, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please contact Jill Palmer, K7JIL, (253)539-1685 or e-mail, hamtalker2@aol.com

We want to spread sunshine and we certainly don't want to overlook ANYONE.

W7DK/Radio Club of Tacoma

147.28 / .88 MHz 144.97 - Packet
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Steve Hunter, KC7QFG
5420 75th Ave Ct W
University Place, WA 253-564-958

Reinstatements

Address/Phone Changes/Corrections

Keith C. Mcintire KB7NVW
6622 146th St SW # 45
Lakewood, WA 98439-1928

Nana J. Warburton, N7OIX
3611 "I" Street NE, Unit 80
Auburn, WA 98002 253-333-688
E-Mail n7oix@earthlink.net

E-Mail Address Changes/Additions
New Calls/Upgrades

Silent Keys

ADDRESS CHANGES

Remember to notify us if your address changes at any time during the year. Your Bark wil ot come to you if your address has changed since the ost Office will NOT forward Third Class Bulk Mail.

Send changes to : Radio Club of Tacom PO Box 11188 Tacoma, WA 98411-0188 or give t m to Scott Clausen, KD7KQA, at meetings, telephone 253-925-8637 or email shbang@earthlink.net

If you are simply changing from your sum r to winter address or vice versa you can notify Shirle Murphy, N7QHW, @ 253-265-3661 or email sundance@harbornet.com or Scott as indicated above.

PINOCHL



PINOCHLE & POTLUC
Saturday, Oct. 6th, 7 PM
For info call:
Jack, WA7ENB, & Marilyn Mc e
253-759-4898

COMING PROGRAMS AT RCT

OCTOBER 10TH - HAM RADIO FOR THE DISABLED
Find out how to share our ham radio hobby with persons who have physical disabilities or sensory impairments. A program from the HANDI-HAMS will be presented. Then Dan McConnell, AJ7K, will discuss the possibilities and limitations of enjoying ham radio while in a wheelchair.

OCTOBER 24TH - OPERATING QRP (LOW POWER)
Roger Nace, K8RN, and other members of a local QRP group will bring radios built from kits and conduct on-the-air demonstrations showing how much fun it can be to operate using five watts or less. They will discuss their experience of working together, and how it has rekindled their interest in high frequency CW operating.

NOVEMBER 14TH - PIERCE COUNTY'S NEW MOBILE COMMUNICATIONS VEHICLE
Tour the new 28' mobile communications bus. Mark Gray, KD7GJU, will give a brief introduction to the missions that the vehicle supports before the tour. He will also talk about the involvement of the Amateur Radio Emergency Service (ARES) and the Radio Amateur Civil Emergency Service (RACES) in the county Department of Emergency Management (EOC). The bus is used for civic activities and search and rescue.

NEW ADDRESS?
BE SURE TO LET THE CLUB
KNOW TO CONTINUE
RECEIVING YOUR BARK



...and the QSL CARD for this month is...

Burkino Faso, one of the poorest countries in the world, is a landlocked state in western Africa with an area about the size of Colorado. It's bounded on the north and west by Mali, to the south by the Ivory Coast, Ghana, and Togo. The capital, Ouagadougou, is about 500 miles by road to the sea. The mostly French speaking population numbers a little over 12 million, with almost 7% infected by the HIV/AIDS virus. The main commerce is agriculture. The country, formerly the Republic of Upper Volta, gained its independence from France in 1960.



QST QST QST

From the W7DK Club Station

HF Net every SUNDAY
28.375 MHz USB
2000 Hrs. Local

Now that fall is with us and the winter rains are soon to follow, I hope you all had a good summer. After completing my summer boat projects, the cool weather will bring me inside. I hope to have more time to spend at the club house to finish a few projects in preparation for our open house this month. One of those projects is the assembly of an expanding operations binder, divided into several sections. There are copies of all the equipment manuals (that I could find), a page showing the equipment interconnections and antenna systems, and a page that shows the antenna tuner settings for presetting the tuner on the different bands. Last but not least, a maintenance log for any one to make a entry if they find or think that a piece of gear is not functioning properly. Please take some time to look over this binder and give me suggestionsof other items that need to be included. In the coming weeks I will also be servicing the L-4B amp, so it may not be available for use. The dust bunnies have been multiplying at an alarming rate and I think that squirrel cage blower has had a few nuts packed away in it for the winter! Other than some general shack cleaning, things are in good shape .

The club station will be open for all to operate on the weekend of October 19 - 21, starting Friday afternoon at 5 PM til Sunday afternoon 5 PM, in celebration of the 85th anniversary of the Radio Club of Tacoma. If you can help act as a control operator for any part of this time period, please contact me or Jerry, W7BUN, so we can put you down on the schedule. We really need help with this!! Otherwise, it's going to be a LLLong weekend! I hope that all club members will come down to the club house and make a few contacts. Bring along a friend or better yet, the youngster next door, and introduce them to ham radio! We will be using the 1X1 special call of W7K for the weekend.

Finally, I would like to thank George, WA7GFC, and Frank, AC7JY, for filling in as net control operators for the Sunday evening 10 meter HF net. They did a great job in keeping things going for the 3 weeks I spent in VE3 land. I did have a radio with me on vacation and had a lot of fun on 20 and 40 meters. I wish 10 meters would have opened and allowed me to check in on Sunday evenings but the radio gods would not hear of it. I would like to report, however, that I did hear Worth, W7WG, on 75 meters using my very low-to-the-ground 40 meter inverted V. Next year I will take a 75 meter antenna!!

Don't forget that we have our 10 meter net at 8PM each Sunday evening on 28.375MHz USB. Please check in and thanks for your support. 73 and I am looking forward to seeing you at the club house October 19 - 21.

Lynn Neece, KB6OKS
W7DK Station Manager
(253) 853-5973 KB6OKS@juno.com

MUSEUM MUSINGS

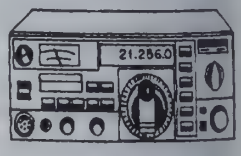
With Worth Gurley, W7

It would be nice if all hijackings ended as the one we told about last month! This month I will tell you of cent happenings among our antique residents of the seum about which we must muse.

While manning the RCT W7DK at the Fair bo we were very impressed with the display this year. T Old was contrasted to the quite New of the amateur r world. The tube transmitter, from the late 40's to ear 50's, was from the same era, as are the earliest Heat kits, the AT-1 in Museum for example. The red and c ange 35 cent ARRL publication, "Building A Radiotele phone Transmitter," told how to build a neat low pow AM transmitter which looked much like that rig next to The huge Left-Foot straight key and a beautiful Vibro semi-automatic key, called a "bug", presented the fee of the "old days".

Next to those historical items was a working model of APRS, the amateur radio positioning systen which showed on a map the location of the W7DK sta tion....right at the Fair grounds.

During our stint at the W7DK booth, at least t visitors became very nostalgic about the old days of "real" amateur radios. One told of the thrill of building crystal set, winding the coil on an oatmeal box, but re gretted not following through because of football, girls or other influences. He left with applications and associ ated amateur radio materials.



At our Flea Market in Pioneer Park, we displayed the working model of an early Knight Kit transmitter which put out about 50 watts into a 40 meter dipole put up high in the trees by Jill's husband, Frank AC7CY, with his custom-made "wrist-rocket" assisted many eager volunteers. One receiver was a Hallicraf s Sky Buddy from the1930's or 40's on which we could hear the chirpy signal from Doc Spike's one tube TNT oscillator that he made and used in late 1920's. Whe Morel held a flashlight bulb with a small loop of wire s dered to both connections, several visitors were amaz that it lit up in the invisible RF field emitted by the sim little rig on a breadboard.

The receiver for the Knigh Kit transmitter was well-working Hammarlund receiver from early 1940s bought by Postal Ed at a yard sale and donated to the Museum. The trouble was that the Knight Kit was cry tal-controlled, dating from the ham days when the ope tor called CQ, then tuned the band for an answering s tion. In these transceiver days no one answered us, s we brought in the little Atlas, probably the first small, a solid-state SSB multi-band transceiver, important in th

history of Amateur Radio.

Harry Wong, N7DOE, dropped by, put the Atlas on the air by immediately breaking into a 40 meter SSB midday net, and received excellent reports from Reno and Spokane, all on that 40 m dipole.

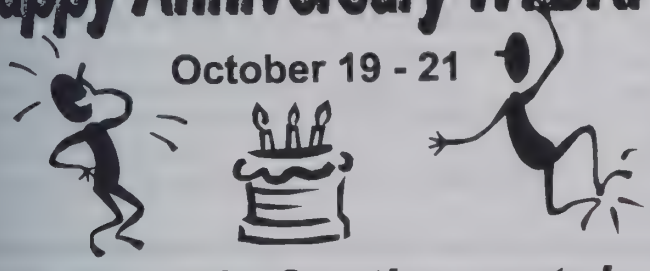
The Museum is planning to have at least one old-time rig on the air from the Clubhouse during the Radio Club's 85th Birthday celebration using the specially assigned W7K without interfering with the main W7DK station operation by inserting the Field Day filters and using selected bands. Would you like to help the Antique Museum group? All the antiques, large and small, human and electronic, will appreciate it!

SATURDAY SWAP AND SHOP

Swap and Shop, **Saturday OCTOBER 27th**, at the clubhouse, from 10 AM to 2 PM. Bring items to sell (and money to buy!).



Happy Anniversary W7DK!



October 19 - 21

Get ready for the party!

TUESDAY NIGHT NET AUGUST CHECK-INS

CALL	NUMBER OF CHEK-INS	NAME
KD6ILO	2	MARIO
W6LIX	2	MOREL
KB6PWR	1	DICK
KD7AAG	1	MARK
W7AEA	4	MAX
N7ANF	1	RICH
N7APP	2	BOB
KJ7BN	2	MARILYN
AC7BU	4	AL
K7BUD	4	BUD
W7BUN	3	JERRY
N7BUW	1	BOB
KD7BVO	2	LYNETTE
W7DO	2	GARY
W7DON	2	DON
N7EAY	1	ALAN
W7EC	3	HAL
KK7FM	3	GEORGE
KA7HJN	1	CHUCK
KD7IGY	4	WILMA
W7IMW	4	JACK
KA7IOX	1	SCOTT
KD7JDY	2	NINA
K7JIL	3	JILL
KC7JME	4	NORA
AC7JY	3	FRANK
KD7KPY	1	KEITH
KD7KPZ	1	DANA
KB7KSY	1	EDITH
AC7LK	1	JOHN
KC7LZL	1	GARFIELD
KD7LZT	1	JOHN
W7MLS	1	MONTE
KD7NPD	1	TODD
WA7OHG	1	WADE
KB7QAG	4	JEFF
N7QHW	3	SHIRLEY
N7QHX	3	TOM
N7QOZ	4	BOB
KK7QS	1	MICK
KK7QW	2	PETE
W7RW	4	ANDY
W7SFO	1	RYAN
W7SKI	3	BOB
KB7SVU	1	ALAN
KB7SVX	3	JEAN
KC7TDJ	1	BILL
KC7VUM	2	LOU
KC7VUQ	1	JOHN
KB7WDB	4	LOU
W7WG	3	WORTH
N7WIK	1	BOB
AB7WJ	1	BILL
NF7Y	4	SCOTT



NET CONTROLS	
AUGUST 7	W7BUN
AUGUST 14	AC7BU
AUGUST 21	AC7BU
AUGUST 28	K7BUD

RADIO CLUB OF TACOMA'S 85TH ANNIVERSARY IS OCTOBER 20TH

ALL CLUB MEMBERS CAN USE THE SPECIAL EVENT CALLSIGN, W7K, TO CELEBRATE THE 85TH ANNIVERSARY OF THE RADIO CLUB OF TACOMA.

All members of the Radio Club of Tacoma are authorized to use the special event call sign **W7K** from 0000 UTC, October 20, 2001, to 0000 UTC, October 22, 2001. That's Friday, October 19th at 5 PM PDT to Sunday, October 21st at 5 PM PDT. Give your own callsign also and explain about the club's 85th anniversary celebration. A handsome certificate will be available to the amateur in each state and in each country who works the greatest number of club members. Certificates will be available for club members working the most stations during this period - one certificate for Technician class licensees and one for General class and higher. A special QSL card will also be available. Send your list to: The Radio Club of Tacoma, P. O. Box 11188, Tacoma, WA 98411, postmarked by November 30, 2001. Suggested frequencies are the low end of each General class sub-band. The Radio Club of Tacoma is the second oldest continuously active radio club in America, having met regularly since October 20, 1916. For details, go to http://www.w7dk.org.

HAPPY 85th ANNIVERSARY!

ARES/RACES

...de Shirley Murphy, N7QHW



Remember in times of need to tune in to the 145.37 repeater and find out if anything is happening. If help is needed, please jump in with your call sign and volunteer to help. Don't wait for the phone to ring, just get on the air and volunteer.

Public Service Events are for the most part completed for the year but there still may be a few left. It seems the amateurs are doing a great job and more requests are coming our way. Tune into the Pierce County Amateur Radio Communication Services (PCARCS) net for updates and announcements of new events, or contact Dana Marshall, KD7KPZ at 360-897-9015 or e-mail to KD7KPZ@arrl.net to volunteer for events.

The latest edition of the SKYWARN SPOTTER NEWS reminds us of autumn (darn) with the days becoming shorter and cooler.

October brings with it the beginning of the storm season. Be aware of the possibility of strong windstorms, heavy rainstorms and that dreaded possibility of flooding. The Columbus Day Storm of 1962 was the strongest non-tropical windstorm ever to strike the lower 48. Also dense fog with poor visibility is not unusual. They also report that autumn is our second maximum for thunderstorms, funnel clouds, and tornados as well.

At this point, no El Nino or La Nina is in place in the tropical waters of the Pacific to create a dominan weather pattern for our area. Odds for a repeat dry are slim.

The official winter weather outlook is schec to be released on Thursday, October 18th, so keep y eyes and ears open for a glimpse of our winter weatl

Also, please welcome Dana as the new Se tary for ARES in Pierce County. With this appointme comes a multitude of new duties for Dana. She is cc nating net controls for the weekly net, will be taking c maintenance of the ARES roster, and will be the per the future to contact to receive DEM applications whi will be mailed back to her when they are filled out. S has also volunteered to write the monthly ARES artic the Logger's Bark.

I would like to take this opportunity to thank ryone for their support and their participation in ARE events and activities, and most of all for suffering thr all these articles I have submitted over the years. I a looking forward to another person's slant on things a find these changes are exciting. THANKS AGAIN T ALL!

Please check your Department of Emerger Management (DEM) card to be sure it has not expire your card expires anytime between now and the end the year 2001, fill out a new application and turn it in Dana Marshall, KD7KPZ, for processing.

Do you want to get involved? Simply conta Alan Hughes, KB7SVU at 253-840-4947 and let him know.

73, Shirley N7QHW

Editor's Notes

E-Mail address: kathleen@naceplace.com
Sorry to be so later with the BARK this month...

We have made it through another September with a successful Flea Market and FAIR booth. Please look forward to next year as you make your plans.

Our next big event is our 85th anniversary special event. There are more details elsewhere in the BARK. Let's all try to operate with our special call sign—W7K! There will be special QSL cards for the event.

As we pray for comfort and peace in all the lives that were so suddenly changed on 11 September 2001, let us pray for wisdom and right action by our leaders, here and abroad. And as we respond to the sudden and very visible needs resulting from the attack on our spirit and soul, please remember all the charities and charitable organizations that still need our support to maintain t programs. God bless America and the world!

Blessings for the coming month.
73, Kathleen, NØEYK





ON THE WEB www.w7dk.org Come see us!

AREA SWAP MEETS

13 Oct 2001
North Kitsap ARC Bremerton, WA
http://www.silverlink.net/nkarc/hamfest.html
Contact: Susan Johnson, AB7MD
Phone: 360-697-9379
Email: nkarc@yahoo.com

20 Oct 2001
Mid-Valley ARES Rickreall, OR
http://www.teleport.com/~binder/swap.html
Contact: Bud Smith, N7BUD
Phone: 503-838-0266 Fax: 503-838-0262
Email: n7bud@arrl.net

11 May 2002
Stanwood-Camano ARC Stanwood, WA
Contact: John McCann, N7MZ
Phone: 360-629-2921
Email: huppert@whidbey.net

Stay tuned for more info coming about:

9 March 2002 - 21st annual Mike and Key ARC Electronics Show & Flea Market

SEAPAC 2002

SCHEDULE YOUR SWAPMEET VISIT

Radio Club of Tacoma License Exams
OCTOBER 9, 2001
7 PM RCT Clubhouse
1249 S Washington in Tacoma
Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $10. For information call: Shirley Murphy, N7QHW @ 253-265-3661

OCTOBER CONTESTS NOVEMBER



6-7 OCTOBER
The TARA PSK31 Rumble
California QSO Party
Arkansas QSO Party
Oceania Contest, phone
YLRL YL Anniversary Contest, CW
Ten-Ten Day Sprint

13-14
Pennsylvania QSO Party
FISTS CW Fall Sprint

21-22
Illinois QSO Party
Asia-Pacific sprint, CW
Worked All Germany Contest
JARTS WW RTTY Contest
VK/ZL/Oceania Contest, CW

24-28
YLRL YL Anniversary Contest, phone
CQ WW DX Contest, phone
Ten-Ten International Net Fall CW QSO Party

3-5 NOVEMBER
ARRL November Sweepstakes, CW
Eighth Annual North American Collegiate ARC Championship, CW
IPA Contest, Phone and CW

10-11
Worked All Europe Contest, RTTY
Japan International DX Contest, phone
OK/OM DX Contest

17-19
ARRL November Sweepstakes, Phone
North American Collegiate ARC Championship, phone
LZ DX Contest, CW only

27-28
CQ WW DX Contest, CW



Want more info, check **www.arrl.org/contests**

MEETING MINUTES

Radio Club Of Tacoma
Regular Meeting
22 August 2001
The meeting was called to order at 7:30 PM by Mick, KK7QS. Mick led the flag salute. Introductions were made around the room.
No Illness or Silent Keys reported.
Correspondence: 2 phone bills, VE bank statement, Ads, Flea Market reservations, address corrections.
Treasurer Report: It's in the Bark.
Committee Reports:
Flea Market is getting close. We need help with the Country Store, and parking.
ARES/RACES: Dana, KD7KPZ, would like a list of ARES/RACES people and what equipment they have. We need people to work the Eastern Washington fires (communications). You can e-mail her at kd7kpz@arrl.net.
Special Event The committee will meet next Wed. 8-29 at the clubhouse at 1930.
Western Washington Fair: Jill, K7JiL, thanks all who have signed up. We still need more people for the booth.

Training: Jerry, W7BUN. Technician class is the first weekend of October.
Old Business: Rich, N7ANF, reported on how the battery hookup is going.

Hints And Kinks: Jean, KB7SVX, showed a 10-40 meter home made antenna that he is working on.
John, AC7LK, reported on a 2-meter twin lead J-Pole that he made. He made a simplex contact from Lakewood to Ashford using 1 watt.
Tuning And Traffic: Al, AC7BU, reported hearing the Portland 147.28 repeater from his house in Spanaway. Jean, KB7SVX, reported on a lighthouse in Michigan that he worked, Lynette, KD7BVO, reported on some malicious interference from an unlicensed station, that was caught. Jerry, W7BUN, reported that he is ordering new books from ARRL tomorrow. He also reported upcoming programs. 9-12, Roger, K8RN, will tell us about the mysteries of the Internet. 9-26, will be about portable emergency radio equipment. The second October meeting will be a QRP program.

Tonight's Program: Video on Kingman Reef DXpedition.
Drawing: $24, won by Morel, W6LIX.
34 Signed up as in attendance.
The meeting was adjourned at 8:40 PM.
Respectfully submitted, Ed, KC7OKS, Secretary

ELMER TODAY VOLUNTEER!

SPECIAL SERVICE CLUB

TREASURER'S REPO

de Roger, WA7A

AUGUST 2001

GENERAL FUND:
INCOME

DUES	$95.00
FLD DAY	$27.04
TOTAL	**$122.04**

EXPENSES

POSTAL	$10.50
PRINTING	$75.49
TOTAL	**$85.99**
NET	***$36.05***

Profit for Aug '01

SUSPENSE FUND:
INCOME

BOOKS	$289.00
ARRL	$34.00
TOTAL	**$323.00**

EXPENSES

BOOKS	$307.56
ARRL	$32.00
TOTAL	**$339.56**
NET	***-$16.56***

Loss for Aug '01

BOTTOM LINE:
GAIN OF $19.49
Net Gain Aug '01



(Ed. Note: Thanks, Roger!)

Radio Club of Tacoma
Board Meeting
5 September 2001

The meeting was called to order at 7:30 PM. Minutes of the last meeting were not available for approval.

Correspondence: One Flea Market reservation, an advertisement, a newsletter, new ham list from the ARRL, and the President had an e-mail from the Kitsap Radio Club (Tom Sanders) about us participating in a Pearl Harbor Special Event. We will decide after we get more information.

Treasurer's Report: It's in the Bark.

Committee Reports:

Flea Market: Still getting reservations and calls. Some discussion on door prizes. It is the committee's decision to have door prizes.

Youth: Jamboree On The Air is the same weekend as our 85th Anniversary Special Event. Discussion on how we could integrate the 2 events.

Special Event: The station manager has been notified that it is a 48-hour event. The next committee meeting will be Oct. 4th.

Classes: Technician class will be the first weekend of October. Other classes will be starting soon. Openings available.

Old Business:

Silent Key Board. We need a new one. It appears that someone is working on it, but we don't have a name of who it is.

Repeaters: The I.D. on the 147.28 repeater is overly loud. It may be because we have to have the volume so high to hear the audio, which is really low. This is also a problem on the 147.38 machine. It sometimes just relays static.

New Business:

A suggestion from Hal, W7EC on a Club Saver Program: get kits to be assembled by interested members at the clubhouse. A learning experience, etc. George, KK7FM, and Ed, KC7OKS, will work with Hal to get information on this.

Ray, AC7KQ, mentioned getting the club events listed in the TNT community events section.

Discussion on the possibility of a program about the challenges faced by HAMS with disabilities. What they had to overcome, etc.

Mick, KK7QS, reported that we could get an antenna donated for an ATV station at the clubhouse.

Good Of The Order:

We should have fun with ham radio.

Mick announced plans to use an agenda made up in advance to help make the board meetings more productive.

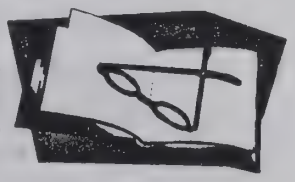
The meeting was adjourned at 8:45 PM.

Present at meeting: Mick, KK7QS; Morel, W6LIX; Worth, W7WG; George, KK7FM; Frank, AC7JY; Ray, AC7KQ; Bud, K7BUD; Hal, W7EC; Jerry, W7BUN; Dawn, KC7VZM; Rich, N7ANF; Al, AC7BU; Roger, WA7ANJ; Ed, KC7OKS

Respectfully submitted, Ed, KC7OKS, Secretary

Amateur Radio Exams

in the Puget Sound Region as of October 2001



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Thursday - 7 PM - **Bonney Lake** Library - Contact Roxann Holwege, AB7HO, 253-862-8905, Bonney Lake

2nd Tuesday - 7:00 PM - Radio Club of* Tacoma *Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Bill Thompson, K7OLY, Tumwater, 360-236-9048

2nd Saturday - 10 AM - **Tukwila** - Telephone Wireless Pioneer's Museum, 7000 W. Marginal Way, Contact Mary Lewis, W7QGP, 206-523-9117, Seattle

3rd Monday - 6:30 PM - **Shelton** - Timberland Library, 710 W. Alder St. - Contact Rick Colton, W7SMC, 360-426-1716, Shelton

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 Tobin Street - Contact Jan VanAllen, K7YH, in Kent, at 206-824-9039.

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

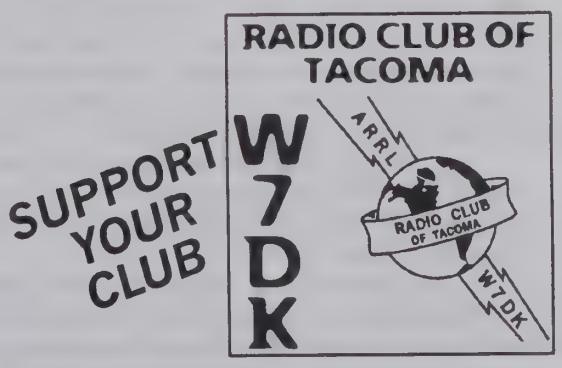
4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Bill Thompson, K7OLY, Tumwater, 360-236-9048

4th Saturday - 10 AM - **Everett** - Everett Housing Authority - 14th and Popular - Contact Loren Hole, KK7M, 425-335-5158, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Walt Winters, AA7TL, 360-692-8326, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - 253-845-7652



◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet.

AMATEUR RADIO RESPONDS IN FORCE IN WAKE OF TERRORIST ATTACKS

Some already are calling it "Amateur Radio's Finest Hour," as volunteers answer the call to assist in ongoing relief and recovery operations in New York City, Washington, DC, and western Pennsylvania in the wake of terrorist attacks on the US September 11. The need continues for operators to assist over the long haul, however. Current estimates suggest hams may be needed for a month or longer in the New York City area, and for at least the next two weeks in Washington, DC.

Along with most other federal agencies, the FCC closed its offices and sent its employees home following the attacks. The FCC issued no emergency declarations nor other special instructions to the Amateur Radio community. The ARRL advised amateurs to stay alert to instructions from local authorities.

New York City-Long Island Section Emergency Coordinator Tom Carrubba, KA2D, reports that hams have been supporting emergency officials and the American Red Cross relief and recovery effort. Amateurs have been staffing several Red Cross shelters in addition to a staging/National Disaster Medical System center, various Red Cross units, and the Greater New York City American Red Cross Headquarters as well as the New York City Office of Emergency Management.

Carrubba says the telephone system in lower Manhattan continues to be problematic because of the high call volume. "American Red Cross communications are overloaded, and traffic from the shelters is coming into the New York City net at a rapid pace," he said. "The Amateur Radio ops are doing a great job under very difficult and strange conditions, but this is what they have trained for; they are getting it done well."

Red Cross Communications Officer Jay Ferron, N4GAA, agreed. "The Amateur Radio community has come out very big and very strong," he said, adding that local clubs and repeater groups have volunteered gear, frequencies and operators.

New York City District Emergency Coordinator Charles Hargrove, N2NOV, has expressed his appreciation to the amateur community. "Thank you for all the support and well wishes," he said. "This is a difficult time for all of us. We appreciate all the amateurs who have volunteered their time and equipment."

Carrubba also cited the ongoing efforts of Guy Richman, KC2AYG, who has been coordinating net controls for the ARES nets, and Manhattan ARRL EC John Kiernan, KE2UN.

Carrubba is seeking additional volunteers from the Greater New York City region. He has asked out-of-state volunteers to "stand by until we can provide for your safety and comfort." Volunteers need a VHF (2-meter) or, preferably, a VHF/UHF (2-meter/70-cm) mobile radio power supply and cables, and mobile/portable mag-mounted gain antenna. Carrubba says hand-helds are not sufficient to deal with the difficult operating condi

"Operators are still needed," he said, but stressed, "This is a difficult assignment."

Amateurs are working two 12-hour shifts p day, 8 AM to 8 PM and 8 PM to 8 AM, "plus or minus three or four hours, mostly plus," Carrubba said. Add tional information is available on the ARRL Web site <http://www.arrl.org>;.

At the scene of the Pentagon attack near Washington, DC, Virginia Section Emergency Coordi tor Tom Gregory, N4NW, reports an "upbeat" crew o about two dozen amateurs is staffing six Amateur Ra stations in the immediate vicinity of the Pentagon. "W shocked me the most was the devastation you can s right there, 100 feet from the building," Gregory said. "The destruction is total."

The ARES operation is providing logistical support between the Salvation Army's relief and re ery effort on site and the agency's Arlington head quarters. The Salvation Army has deployed sev mobile canteens and a feeding unit to serve m tary and civilian emergency personnel assigne the recovery operation.

"What we're finding is that communicat is very difficult because of the tremendous amount noise from the construction-type equipment and the generators providing power for the lights and support staff," Gregory said. Because of the noise level, oper tors are being rotated frequently in and out of the imm ate vicinity of the attack. "There's the emotion of it, ar there's the tremendous amount of noise, and it's very grating on you because you can hardly hear the radio communicate," Gregory explained.

Gregory described the entire area as "very crowded with people" inside and outside the Pentago "People and equipment cleaning up, finding bodies, fi ing plane parts, firefighters still checking for hot spots hoses, equipment," he said. "The damage to the build looks worse when you are right next to it than it does TV."

"I found that it took me a few minutes to rea the gravity of what was going on and the importance what we hams are doing in our own small way to help out," Gregory said. "The devastation of that building is awesome, and it puts things in perspective and it cer tainly made me proud to be an Amateur Radio operat and serve the people of the United States by offering support we could."

The Pentagon ARES operation continues to seek volunteers. "Because of the immensity of the thi we're trying to have six amateurs on duty at all times," said. "We need 20 volunteers every day for at least tw weeks." Volunteers should e-mail Tom Gregory, N4N at n4nw@arrl.net.

Gregory emphasized that Pentagon site sec rity is extremely tight. All ham volunteers must have a photo ID issued by a government entity to the secured area. "The FBI is handling issuance of IDs for access the secured area and is doing a complete NCIC check

before a photo ID is issued," Gregory said.

At the so-called "fourth" plane crash site in rural Somerset County western Pennsylvania, Kevin Custer, W3KKC, reports a busy scene as the investigation continues. Custer arranged preliminary repeater communication into and out of the crash site on Tuesday to help the Red Cross, Salvation Army, Pennsylvania State Police, the FBI and other state and federal agencies on the scene.

Custer said the investigation could continue for several weeks. "At this time we are preparing for the possibility of family members coming to the crash site–or close by," he said.

Montgomery County, Maryland, Deputy RACES Officer John Creel, WB3GXW, observed that while the enormity of the attacks is bound to touch the amateur community directly or indirectly, he has seen nothing but professionalism among the responding operators in his area. Creel advised amateurs to "just be prepared," and he echoed the sentiment of many that the events of September 11 "will be with us for the rest of our lives.

More detailed and updated information on Amateur Radio's involvement in the disaster relief and recovery efforts is available on the ARRL Web site <http://www.arrl.org>;.

ARRL PRESIDENT PRAISES AMATEURS' RESPONSE

ARRL President Jim Haynie, W5JBP, has expressed his deep appreciation to amateurs throughout the world who have sent messages of condolence and support. Haynie also praised the actions of Amateur Radio volunteers.

"The shock and horror of yesterday morning's events are still fresh in our minds," Haynie said the day after the September 11 terrorist attacks. "Radio amateurs in New York City and elsewhere around the country are doing everything they can to support the authorities in locating and assisting victims. We know that there are many among us who have been touched personally by these tragedies, but there is comfort in knowing that we are not alone in our grief."

"Never have I felt more strongly about what a great privilege it is to be a part of the extraordinary global community of Amateur Radio," Haynie concluded.

Messages of support arrived throughout the week at ARRL Headquarters from International Amateur Radio Union member societies and from individual amateurs around the world. Japan Amateur Radio League President Shozo Hara, JA1AN, expressed "great shock and dismay" at the attacks in New York and Washington and offered "heartfelt condolences to the victims and families of the victims" as well as any assistance JARL could offer. Deutscher Amateur-Radio Club Managing Director Bernd Haefner, DB4DL, relayed similar sentiments. "At this horrible time, we all are Americans," he wrote.

ARRL Vice President Kay Craigie, WT3P, noted that, on a day when many Americans were rushing home to be with their families, many radio amateurs were assisting in the emergency response. "Compared to the sacrifices by emergency responders in New York City and at the Pentagon, it was a small thing, yet a thing that should not go without notice."

AMATEURS AMONG THE MISSING IN WORLD TRADE CENTER ATTACK

At least four Amateur Radio operators are among the many still missing in the aftermath of the September 11 attack on the World Trade Center in New York City. The attack also destroyed the major TV and radio transmitting site atop one of the twin towers.

The hams reported missing so far include:

* Steven A. "Steve" Jacobson, N2SJ, 53, of New York City, a transmitter engineer for WPIX TV, and an ARRL member.

* William V. "Bill" Steckman, WA2ACW, of W Hempstead, New York, a transmitter engineer for WNBC TV. He was well know in the NYC area and ran a number of repeaters from the World Trade Center, most notably the 434 MHz ATV repeater.

* Robert D. "Bob" Cirri Sr, KA2OTD, 39, an ARRL member from Nutley, New Jersey and the ARRL District Emergency Coordinator for Hudson County. A Port Authority police officer, Cirri was on the job helping to evacuate workers from the building when it collapsed.

* Michael G. Jacobs, AA1GO, 54, an ARRL member from Danbury, Connecticut. Jacobs worked at Fiduciary Trust Company International, which had offices in the World Trade Center.

The collapse of the World Trade Center brought down the master TV transmitting antenna that served all but one television station in New York City, as well as several radio stations and amateur repeaters. "The broadcast community is in absolute shock," said Hudson Division Vice Director Steve Mendelsohn, W2ML, who works for ABC News. "We all knew transmitter engineers, we all knew people who worked up in those towers near those big television transmitters, and they're gone."

Mendelsohn said many viewers in the Greater New York City Area who are not on cable can only see WCBS, channel 2, which maintains its transmitter site on the Empire State Building. WCBS has offered assistance and space to help the other stations get back on the air from its site, he said.

"None of the other transmitters exist anymore. They're in the rubble along with the master antenna system, hundreds and hundreds of two-way radio system antennas, and boxes and, of course, untold thousands of people who perished."

There was cause for rejoicing in the case of another amateur who worked in the World Trade Center. Rob Nall, WV0S, reports that his friend, Herman Belderok, Jr, KB0EEB, managed to get out of the building just minutes before the structure collapsed.

ARISS ANTENNAS MOVE CLOSER TO LAUNCH

New Amateur Radio on the International Space Station antennas could be in place by early 2002. In addition, plans now call for splitting the current initial ARISS equipment into separate ham stations aboard the ISS--initially 2 meters in one location and 70 cm in the second.

ARISS Chairman Frank Bauer, KA3HDO, said the new flight antenna systems were shipped earlier this month to Johnson Space Center for a bench review. "We will be having our final safety review with NASA on September 18," he said. He said prototype units already have been tested to see if they withstand the temperature extremes and "thermal shock" of space. Technical testing for SWR and pattern also has been completed.

The new antennas--designed to cover HF, VHF, UHF, and the 1.2 and 2.4 GHz bands--are expected to be transported to the ISS in late November aboard the shuttle Endeavour on the STS-108 mission. The new antennas could be installed during a space walk early next year after the Expedition 4 crew is aboard. Bauer said training to install the new antennas is under way.

Once the appropriate gear is in place, ARISS operation could extend from HF through 2.4 GHz. The HF antenna is a 2.5-meter long flexible tape. Bauer thinks it will definitely work on 10 meters and speculated that it might work on 15 or 20 too. The new antennas will be arrayed around the perimeter of the ISS Russian Service Module--or Zvezda.

Bauer says a 2-meter station will remain in the Russian "Functional Cargo Block"--also called the FGB or Zarya--and will use the existing Russian antennas now used for ARISS. Once the new antennas have been deployed, a second station will be set up in the Service Module. In the short term, that will be a 70-cm station, but in the long term, the Service Module station will support expanded capabilities.

The new antenna systems were developed by the US, Italian and Russian ARISS partners. Bauer concedes the hardest part of the process has been getting the new antennas space-ready. "I want to thank all the individuals from around the world who have enabled the ARISS team to get this far," he said. "It has been a challenging effort. Your persistence and can-do spirit enabled the antenna systems to go from just a dream to reality."

Visit the ARISS Web site, <http://ariss.gsfc.nasa.gov>;.

WARD SILVER, NØAX, TO EDIT QST "CONTEST CORRAL"

Ward Silver, NØAX, will take over the reins of the QST "Contest Corral" department from George Fremin, K5TR. The change is effective with the November 2001 issue of QST. Licensed since 1972, Silver--who's 46--is a Life Member of ARRL and the Western Washington DX Club. A resident of Vashon Island near Seattle in Puget Sound, Silver is married and the father of twin boys, KD7DQO and KD7FYX. "My favorite contests are CW Sweepstakes, CW Sprint, and CQ WW CW--you might detect a slight inclination towards CW on my part," he says. He's especially interested in QRP (low-power) operating but also likes participating in multiop groups, such as W7RM and K3LR. Members may contact Ward Silver, NØAX, via e-mail, n0ax@arrl.org.

FCC REGISTRATION NUMBER BECOMES MANDATORY IN DECEMBER

Get ready (again) for the FRN! Although the FCC has slipped the deadline before, the Commissi said this week that, starting December 3, 2001, ever doing business with the FCC--licensed or not--must tain and use a 10-digit FCC Registration Number--or FRN. The FCC called the move "a first step" toward streamlining fee collection and tracking. Many amate registered with the Universal Licensing System (ULS were assigned a 10-digit FRN by the Commission Re tration System--or CORES--in a one-time cross-registration last year and notified by mail.

Details to implement CORES for the Amate Service are still being worked out. Steve Linn of the FCC's Wireless Telecommunications Bureau said jus how CORES and ULS will work together remains up the air. "CORES is not replacing the ULS database," explained, "but there are a lot of questions as to how to be integrated." A final implementation with respect Amateur Radio is "yet to be determined," he said. Un the most likely scenario, however, CORES registrati will supplant ULS registration for those who do not al ready have an FRN.

Those without an FRN will be required to re ter and provide one before transacting business with FCC, whether or not a fee is required. An individual c not have to hold an FCC license to obtain an FRN. T requirement to obtain one extends to applicants for a Amateur Radio license as well as to anyone required pay a fee to the FCC, such as those applying for a va call sign. CORES registrants will be required to suppl Taxpayer Identification Number--or TIN--typically a S Security Number (SSN) for an individual. The FCC s CORES information is not made public.

An FRN will not be needed to file comment rulemaking proceedings. Filings that do require an FF but don't include one will be rejected. The FCC has n yet proposed replacing the ULS Licensee Identificatic Number with an FRN; many amateurs already have b and both numbers appear in FCC licensee records. T ULS continues to be available to new registrants.

The FCC began implementing CORES last year. The agency announced the adoption of its new CORES/FRN rules on August 31 and detailed the rec ments in a Report and Order.

In its Order, the FCC sounded almost apolo getic for imposing yet another set of numbers on licer sees and applicants. "We realize that the manner in w our electronic systems have developed has results in multiplicity of numbers, passwords and identifiers," th FCC conceded. The FCC said that once various elec tronic filing systems--such as ULS--incorporate CORE and FRN into their application process, "the need to m tain registration information in multiple systems will be eliminated."

The FCC said CORES makes provision for registration of foreign nationals unable to obtain an S by providing the ability to register without one. The FC has required that club stations obtain an assigned TI when registering in the ULS. In an apparent about-fac the FCC's CORES Order states that unincorporated n clubs registering in CORES should use the TIN/SSN the license trustee. The ARRL has asked the FCC to

y.

The on-line filing system and further information n CORES is available by visiting the FCC CORES Web age, https://svartifoss2.fcc.gov/cores/CoresHome.html>;. A opy of the FCC R&O is available on the ARRL Web site, http://www.arrl.org/news/stories/2001/09/04/3/cores-ro. df>;.

UDGE BANS RADIO GEAR OWNERSHIP BY LORIDA CB-ER

A Florida man who's facing thousands of dollars n federal fines for unlicensed radio operation and for in- erfering with local hams was sentenced to probation Au- ust 30 in state court. William Flippo was found guilty of riminal mischief, a Class 1 misdemeanor, during a jury rial last spring. Palm Beach County Judge Charles Bur- on further ordered Flippo--a Jupiter CBer known as Rabbit Ears"--to dispose of any radio equipment now in is possession.

The sentence resulted from a charge that Flippo ammed his vehicle into the car of a local amateur, Ed Petzolt, K1LNC, of Hobe Sound. At the time of the inci- ent two years ago, Petzolt was assisting an FCC agent n tracking down malicious interference attributed to Flippo.

Burton had sentenced Flippo to 120 days in jail ut suspended incarceration in lieu of one year's proba- ion with multiple conditions, including the ban on owning adio equipment. Flippo has 30 days to appeal his sen- ence. Burton further ordered that Flippo is to have no ontact with Petzolt or with any member of Petzolt's fam- ly. He also may not own or possess any weapons, and he is required to reimburse Petzolt for lost wages. Flippo also has written a letter of apology.

Flippo, 58, already owes the US government $20,000 in fines for unlicensed operation, willful and mali- cious interference to Amateur Radio communications, and failure to let the FCC inspect his radio equipment. He's now scheduled to appear in federal court November 5 after his arrest last summer on additional charges. Flippo faces four counts of operating without a license and four counts of deliberate and malicious interference to a licensed service--Amateur Radio.

Flippo was taken into custody in July 2000 and has been free on $100,000 bond. As a condition of his release, US Magistrate Judge Ann E. Vitunac restricted Flippo's travel and prohibited him from making any radio transmissions.

The criminal charges going to trial in November cover alleged violations between June 1999 and April of last year. Each count carries a maximum penalty of one year in prison and a $10,000 fine. In January 2000, the FCC gave Flippo 30 days to pay the $20,000 already lev- ied. The case was referred to the US Attorney after he failed to do so, and the interference complaints contin- ued.

CQ CONTEST PUBLISHES ITS FINAL ISSUE

CQ Contest magazine has put out its last issue. Publisher Dick Ross, K2MGA, says the magazine, in pub- lication for almost six years, has been losing money for the past several years, and the decision to cease publica- tion with the October issue was strictly a business deci- sion. The content for the ham radio niche publication will be absorbed into CQ. "CQ's dedication to the contest community is in no way diminished," Ross said in "A Mes- sage from the Publisher" in CQ Contest's final edition. All CQ Contest subscribers will be converted to CQ subscrib- ers or have their CQ subscriptions extended on a dollar- for-dollar basis, starting with the November issue of CQ. In his "The Band Edge" editorial in the October issue, CQ Contest Editor Bob Cox, K3EST, says the magazine's legacy might be carried forward in the form of a Web pub- lication to serve the contesting community. The demise of CQ Contest leaves National Contest Journal--published by ARRL--as the sole hard-copy magazine aimed at the Amateur Radio contesting community.

ARRL HELPS TO CLEAR THE AIR IN LINE NOISE CASES

The ARRL has successfully "run interference" in several recent cases where electric utilities were accused of causing problems for amateurs. One longstanding case in Tennessee involved suspected power-line inter- ference affecting both the amateur bands and satellite dish reception. Other successful outcomes occurred in New Mexico and North Carolina, where amateurs had been plagued by line noise.

Paul Fulk Jr, N8ITF, of Springfield, Tennessee, had first complained to Cumberland Electric Membership Cooperative more than two years ago to get his noise situation resolved. After the company claimed it had done everything possible, the FCC's Riley Hollingsworth ad- vised the utility in June to get in touch with the ARRL. The ARRL convinced Cumberland to secure the services of Mike Martin, K3RFI, who operates RFI Services in Traceys Landing, Maryland. Martin was able to pin down the problems in fairly short order.

"As of today all interference has been cured," Fulk recently reported to Hollingsworth. He credited Mar- tin with "an exceptional job" in finding the interference sources.

Since coming to Headquarters in May, ARRL RFI Engineer John Phillips, K2QAI, has been working closely with the Cumberland and other suspected power- line-interference situations. He says even some experts are easily befuddled while trying to pin down interference sources, but that Martin's technique is nothing short of amazing.

"He's almost supernatural in his ability to find line noise," said Phillips, who attended Martin's RFI semi- nar earlier this year. Phillips says line noise usually turns out to be the result of something that's typically fairly easy and inexpensive to fix. "You just need to know the tech- niques," he said.

Another recent case referred to the ARRL was resolved without heavy FCC pressure. Mark Mandelkern, K5AM, of Las Cruces, New Mexico, had reported noise apparently coming from lines operated by the El Paso Electric Company.

"We merely wrote a letter to the CEO of El Paso

Electric--with a copy to Riley Hollingsworth--and it quickly trickled down to a local manager who called me with a real sound of apprehension in his voice," Phillips recalled. Mandelkern wrote Hollingsworth August 14 that the company has been very cooperative and has begun work to completely rebuild a troublesome section of line.

In North Carolina, Jim Scholten, AD1V, had been frustrated by noise from Duke Power Company lines for several years. After a letter went out from ARRL to Duke Power--with a copy to the FCC--Scholten reported that linemen suddenly appeared at the suspect poles, and his noise problems abated. "It was impossible to make the power company do their job without you!" he wrote Phillips.

Amateurs suffering from interference believed to be emanating from power-generation or transmission facilities may contact John Phillips, K2QAI, rfi@arrl.org .

FCC WANTS EXPLANATION FOR ALLEGED INTERFERENCE DURING DECLARED EMERGENCY

The FCC apparently wants to let the amateur community know that it intends to put teeth into its infrequent emergency declarations. The Commission has written William C. Dennison, K0VCD, seeking an explanation for interference it alleges the Springfield, Missouri, amateur caused to an emergency net after the FCC declared a general communications emergency on June 10.

In a letter to Dennison on August 16, FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth called Dennison's apparent failure to abide by the emergency declaration "a serious breach of the amateur rules."

Because of severe flooding in Texas and Louisiana, the FCC had declared 3.873 and 7.285 MHz--plus or minus 3 kHz--off limits to all but flood emergency traffic. Agents say they monitored Dennison on 75 meters later that evening, operating in the vicinity of--and causing interference to--an emergency net. At one point, the FCC said, Dennison moved onto the net's frequency to challenge the net control station.

FCC agents at the Commission's High Frequency Direction Finding Facility in Columbia, Maryland, were maintaining a watch on 3.873 and 7.285 MHz when Dennison was heard. After determining that Dennison's signal--on 3.875 and subsequently 3.876 MHz--was interfering with the net, an FCC agent telephoned Dennison to make sure that he was aware of the communications emergency and requesting that he change frequency.

The FCC continued to monitor Dennison's signal "splattering onto the net" on 3.873 MHz, Hollingsworth said in his letter. Dennison is said to have commented on the air regarding the telephone call from the FCC, then moved to 3.873 MHz, where he contacted the emergency net control station to challenge the net's use of HF rather than 2 meters for the emergency traffic. Hollingsworth told ARRL that Dennison subsequently either moved away from the net's frequency or went off the air, and the net experienced no further problems.

Hollingsworth requested that Dennison, a General class licensee, respond to the letter within 20 days with a detailed explanation of his operation during the periods detailed in the letter.

ARRL RCT VE Team Report

In September 2001, we tested 17 person ing the VE Testing session at the RCT Flea Market persons at our VE Team testing session on the sec Tuesday. Out of the 19 people, 14 people either up graded their license or achieved a new license. Ou the remaining 5 persons, 2 successfully passed the ten element but due to not passing the Morse Code did not upgrade their license class and the other 3 p sons were unsuccessful in their attempt to pass the quested test elements.

Overall, there were 18 test elements give were passing and 5 failures for a percentage rate o 61.5% passing. There were 5 persons who receive paper upgrade to General Class.

Achievements included 3 Technician Clas censes, 2 Technician W/HF licenses, 7 General Cla licenses, and 2 Amateur Extra Class licenses.

Congratulations to all and stay tuned for f exam testing results in the future.

73, Shirley, N7QHW, Radio Club of Taco VE Team Liaison

ARRL MEMBERSHI

If you haven't joined or joined the ARRL, please do through the Radio Club of coma! The ARRL is the ma voice for Amateur Radio in the and, besides providing a wealth information to its members, th provide us with a voice in Was ington to help protect the intere of all amateurs. Additionally, R is an ARRL Special Service Cl and RCT needs to have at le 51% of its members belong to t ARRL to retain its Special Servi Club status. See the Treasurer application forms, and bring yo ARRL renewal notices and rej through the club. The club ceives a commission for each n or renewed membership s through the club.

JOIN TODAY!

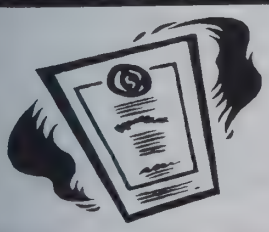
See our club treasurer for details.

SPECIAL SERVICE CLUB

10 METER NET CHECK-INS

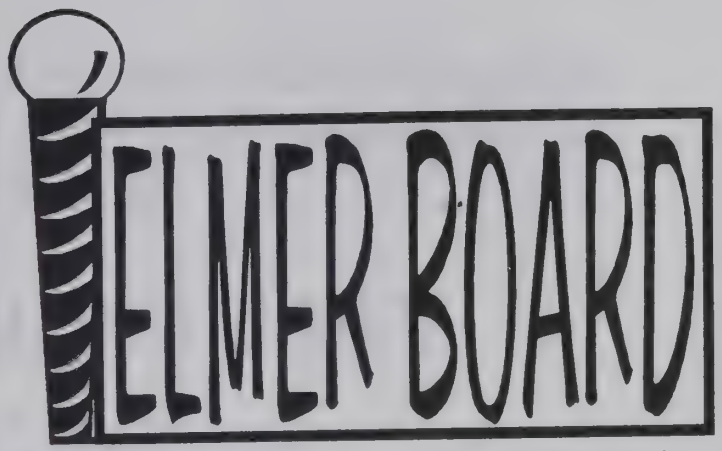
KD7AAG	Mark	4
W7GFC	George	4
WA7GHE	Eric	4
KC7UFR	Chuck	4
K7JIL	Jill	3
AC7JY	Frank	3
AC7LK	John	3
N8PSJ	Pete	3
KD7QAG	Jeff	3
N7ANF	Rich	2
W7BUN	Jerry	2
W7EC	Hal	2
AC7KQ	Ray	2
KC7LZL	Garfield	2
KB7SVX	Jean	2
KC7USS	David	2
K7BUD	Bud	1
W9BYH	Bill	1
KD7IBU	Bob	1
KD7KRI	Dave	1
KD7LTZ	John	1
N7MI	Bruce	1
KD7NES	Gwen	1
KC7OKS	Ed	1
KB7SCO	Mike	1
KB7UPX	Owen	1
W7WG	Worth	1
W7XDX	Nelson	1
KC7ZWM	Jessica	1

AUGUST



FIRST CONTACT AWARD

Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First Contact Award will be issued.



Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members area their areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment

Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Frank, AB7YZ	253-752-8520	2,3
Roger, WA7ANJ	253-475-4293	1,2,3,4,7,8,11

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the board!

(Ed. Note – We need more volunteers on the elmer board. Please add your name to the list!)



After the Tech class, or if you have just been waiting f
the opportunity for a little help (and maybe a push…), h
is YOUR chance…

FREE UPGRADE CLASSES

FOR THE

GENERAL AND EXTRA AMATEUR RADIO LICENSE

Class Starts - October

Classes - 7:00 to 9:30 PM

12306 80th Ave. East, Puyallup

(South Hill)

Sponsored by:

The Radio Club of Tacoma

To Register, Call:

Jerry Seligman, W7BUN - 253-845-7652

Editor's Note: This is a great opportunity to upgrade your license so that you can talk other amateurs across the country and around the world. HF privileges are also very helpful in times of crisis, as we are experiencing now on the east coast. So, if you hav been thinking about doing it, or you are 'on a roll' after the tech class, GO FOR IT! See you on HF!

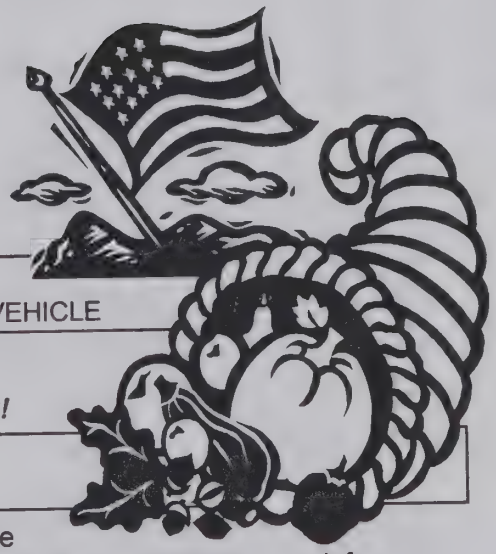
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COMING EVENTS



NOV 3 - **Pinochle Potluck** - 7 PM, Clubhouse

NOV 7 - **Board Meeting - Clubhouse, 7:30 PM** - All members welcome.

NOV 13 - **License Exams** - 7 PM - Clubhouse

NOV 14 - **Club Meeting** - Library Administration Center, 7:30 PM
Program: PIERCE COUNTY'S NEW MOBILE COMMUNICATIONS VEHICLE

NOV 15 - BARK deadline

NOV 22 - Give thanks for our many blessings! HAPPY THANKSGIVING!

NOV 28 - **Club Meeting** - Library Administration Center, 7:30 PM
Program: METEOR SCATTER PROPAGATION

LST SATURDAY - **NOV 24 - Swap and Shop** - 10 AM to 2 PM, Clubhouse
7 **DECEMBER - Christmas Party**, 6-9 PM, TACID Building. Call Rich, N7ANF @ 474-8883 for more info.

- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- Check in on the 10 Meter Net every Sunday evening, 8 PM, on 28.375 MHz USB
- **See page 3 for meeting program schedule.** Check the weekly net for updates to the program schedule.

BLESSED THANKSGIVING!

W7DK EVENTS

November 2001

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2 ART LITTLE K7AML *	3 9:00 OPEN HOUSE 7:00 PM PINOCHLE POTLUCK
4	5	6 Election Day 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	7 ROBERT FLOYD KA7FHM * 7:30 PM RCT BOARD MTG	8	9	10 9:00 OPEN HOUSE
11 Veteran's Day	12	13 CLIFTON OSBORNE W7MFG * CHUCK DOERR * 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	14 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH & WALLER RD	15 JUSTIN CARTER KC7TCW *	16 KENNETH SHATTUCK KC7ZJC RUTH CROUCH N7WGF *	17 DONALD PETERSOEN N7OTV * 9:00 OPEN HOUSE
18 WILLIE BOURLET KA7NXK *	19	20 MARTHA DREISSNACK KC7NUJ * 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	21 JEFF SMYTHE KB7QAG * JEFF FREEDMAN K7JF *	22 Thanksgiving	23	24 PAUL MORGAN N7EPH * ALAN HUGHES KB7SVU * Swap and Shop 10 AM to 2 PM Clubhouse 9:00 OPEN HOUSE
25	26 JOHNNY JOHNSON KJ7M * ANDREW DANISHER KC7VUJ * JOE BUSHNELL WA7BLE *	27 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	28 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH & WALLER RD	29 VIKKI CARTER KC7TCX *	30	

RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXVIII NR. 11 | W7DK | NOVEMBER 2001

FROM THE PRESIDENT

Mick, KK7QS

Here we are, rolling into November. Seems like summer just got started. I guess when we look back, we've had a lot of fun. We have had a lot of activities to get involved with throughout the summer. We put a new roof on the garage, had the beam up and down twice, had great picnic at Owens Beach, a fun and successful Field Day, flea market, and Puyallup Fair, just to name a few. This month we have elections. We will also begin to plan for our annual awards banquet. As I write this we are making the last preparations for our 85th anniversary special event station. We have high hopes and think this will be a very successful event. I will be able to give you full details in next month's BARK. Hope you were able to participate.

As we snuggle in for the cooler season, let's not forget how important it is to keep our equipment and ourselves ready to handle any emergency that might come up. Get in touch with your area ARES/RACES coordinator. Know what to do if disaster strikes. You can get information about your area coordinator from Dana Marshall, KD7KPZ. Dana can be reached at 360-897-9015 or e-mailed at DANA.MARSHALL@FOXINTERNET.NET. You can also get information from Alan Hughes, KB7SVU, at 253-840-4947 or KB7SVU@JUNO.COM. Let's all do what we can to stay prepared.

This year, Thanksgiving does not fall on a meeting week so we will be able to have all our scheduled meetings in November. As for December, it doesn't look as good, since our second meeting would be the day after Christmas and will probably be cancelled. Hope to see you at the meetings. 73 de Mick, KK7QS



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- ▶ **ARRL NEWS** - Page 10
- ▶ **ARES** - Page 4
- ▶ **MUSEUM MUSINGS** - Page 8
- ▶ **CONTESTS** - Page 5

VOTE!
Get your ballots in by the first meeting in November

RADIO CLUB OF TACOMA -- 1999

PRESIDENT	MICK PIER	KK7QS	847-8223
V PRESIDENT	MOREL GUYOT	W6LIX	838-5433
SECRETARY	ED ROOT	KC7OKS	851-7463
TREASURER	ROGER TERWILLIGER	WA7ANJ	475-4293
BOARD (5)	AL BURLESON	K7HW	474-9023
	WORTH GURLEY	W7WG	582-3844
	RICH MANSON	N7ANF	474-8883
	GEORGE NOBLE	KK7FM	756-1127
	FRANK PALMER	AC7JY	539-1685
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COMPOSITOR	KATHLEEN NACE	NØEYK	209-5624
PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 253-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350 #14060, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

SUNSHINE & CONGRATS

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please contact Jill Palmer, K7JIL, (253)539-1685 or e-mail, hamtalker2@aol.com

W7DK/Radio Club of Tacoma

147.28 / .88 MHz **144.97 - Packet**
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Steve Hunter, KC7QFG RCT 2104
5420 75th Ave Ct W
University Place, WA 253-564-9580
bobkimi@juno.com

Michael D. Soronen, KB7SCO RCT 2105
6915 78th Ave N.W.
Gig Harbor, WA 98335-6296 253-851-8096
msoronen@harbornet.com

Reinstatements

Nick Winter, WA7IVO
6465 South M St.
Tacoma, WA 98408 253-474-3788
wjnjr@qwest.net

James Wraalstad, WQ7H
10703 NE 144th St
Bothell, WA 98011 425-823-0247

Chris Devine, KD7CZL
1521 S Highland
Tacoma, WA 98465 253-460-9466
divine1@home.com

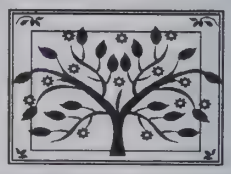
Floyd P. Rollins, KC7EEZ
2508 S.96th SP15
Tacoma, WA 98444 253-582-0660

Address/Phone Changes/Corrections

E-Mail Address Changes/Additions
New Calls/Upgrades

Silent Keys

Lou Simmons, KB7WDB



PINOCHLE



PINOCHLE & POTLUCK
Saturday, Nov. 3rd, 7 PM
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898

COMING PROGRAMS AT RCT

NOVEMBER 14TH - PIERCE COUNTY'S NEW MOBILE COMMUNICATIONS VEHICLE

Or the new 28' mobile communications bus. Mark Gray, KD7GJU, will give a brief introduction to the missions that the vehicle supports before the tour. He will also talk about the involvement of the Amateur Radio Emergency Service (ARES) and the Radio Amateur Civil Emergency Service (RACES) in the county Department of Emergency Management (EOC). The bus is used for civic activities and search and rescue.

NOVEMBER 28TH - METEOR SCATTER PROPAGATION

Jim Christiansen, K7ND, from Fox Island, will present a program for those interested in finding out about this specialized activity known as meteor scatter. This form of VHF/UHF operation involves using the ionized trails of meteors to exact signals, and utilizes some of the newer digital modes and computer sound cards.

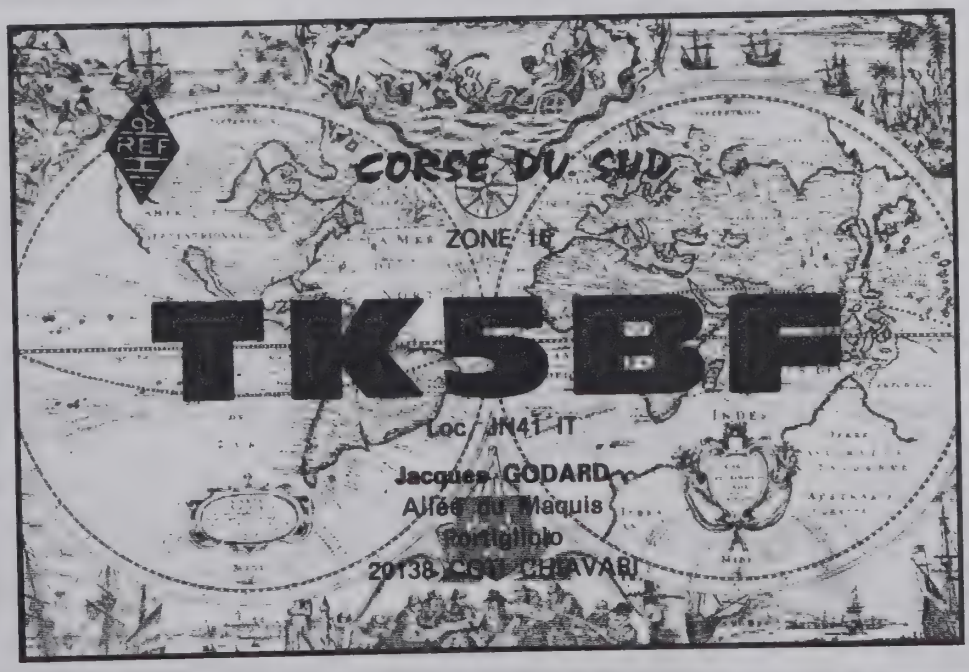
NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW TO CONTINUE
RECEIVING YOUR BARK



...and the QSL CARD for this month is...

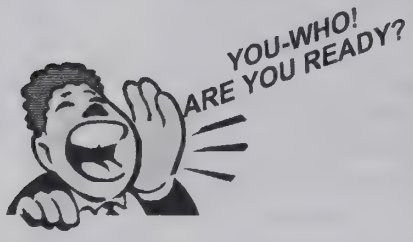
CORSICA

Corsica is the fourth largest island in the Mediterranean Sea, a French territory 105 miles southeast of France and the birthplace of Napoleon Bonaparte. Its virgin beaches and rugged mountains attract 2 million tourists annually. In a move to end nearly a quarter century of nationalistic violence, French Prime Minister Jospin recently announced an agreement that would eventually give Corsica its independence.



ARES/RACES

...de Shirley Murphy, N7QHW



Remember in times of need to tune in to the 145.37 MHz repeater and find out if anything is happening. If help is needed, please check in with your call sign and volunteer to help. Don't wait for the phone to ring, just show up and offer to help. We normally don't ask for volunteers over the phone, that's what a radio is for!

During the September 11th terrorist attacks, the Pierce County EOC was activated and hams were needed to staff it. Two hams did staff the EOC and this is what we've all trained for.

Training for ARES/RACES takes place on the 3rd Saturday of each month at the clubhouse at 10:30 AM. Training is for members of ARES/RACES, during the Zones 3/4 meeting. Please join us!

Public Service Events are finished for this year, but we're already planning for next year! The Tour de Pierce bike race will take place during Field Day this year *sigh* so I'm going to need about 10-12 hams that do not take part in Field Day activities. The event can NOT happen unless we help. Tune into the Pierce County Amateur Radio Communications Services (PCARCS) net for updates and announcements of new events. The net happens every Tuesday night at 7:00 PM (soon to be changed to 6:30 PM) on the 145.37 MHz repeater. Or contact me, Dana Marshall, KD7KPZ, at 360-897-9015 or at kd7kpz@arrl.net to find out about events and to volunteer.

If you don't have a DEM card, you can't volunteer for events more than a few times. Under county rules, all volunteers must have a DEM card. To get a DEM card application, please call me or e-mail me and I will send you one, or you may pick up an application at club meetings.

Pierce County ARES/RACES has had a few changes in their leadership. Alan Hughes, KB7SVU, the EC, has appointed two Assistant ECs. Jim Lawrence, N7RHX, and Dana Marshall, KD7KPZ, will help with the management of ARES/RACES. Mario Badua, KD6ILO, is our training officer, and coordinates all training.

There was an ARES/RACES meeting on October 13th and we had a good turnout. The meetings will happen every few months and will be reported here for everyone to attend. The club bylaws talk about supporting ARES/RACES in a big way, and you can do that by showing up at meetings and checking into the weekly net.

You can also get more involved if you have access to the Internet. Check out the ARES/RACES web site at http://piercecounty.danawheels.net and log into the ARES/RACES message board. Use your call sign to register as a member of the message board.

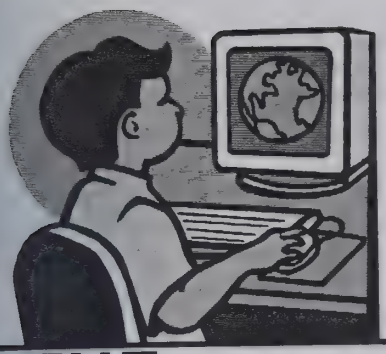
Do you want to get more involved? Simply contact Alan Hughes, KB7SVU at 253-840-4947 and let him know.

73, Dana, KD7KPZ, kd7kpz@danawheels.net
Assistant EC, Pierce County ARES
Assistant Radio Officer, Pierce County RACES
<http://piercecounty.danawheels.net>

In Remembrance

LOU SIMMONS, KB7WDB

28 October 2001



ON THE WEB www.w7dk.org Come see us!

AREA SWAP MEETS

3 Nov 2001
Mount Baker ARC Blaine, WA
Contact: Al Norton, K7IEY
Phone: 360-354-4622
Email: k7iey@netscape.net

9 Mar 2002
Mike and Key ARC Puyallup, WA
http://www.mikeandkey.com
Contact: Michael Dinkelman, N7WA
Phone: 425-867-4797 (days) or 253-631-3756 (eves)
Email: mwdink@eskimo.com

6 Apr 2002
Washington State Convention Yakima, WA
http://eagle.ykm.com/~W7aq/hamfest.html
Contact: Jack Wrenn, N7KNO
Phone: 509-249-0897
Email: n7kno@arrl.net

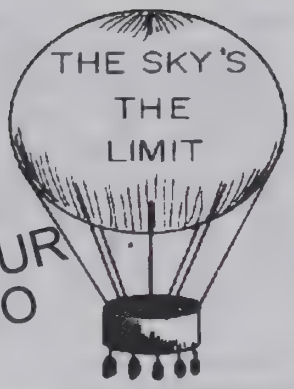
1 May 2002
Stanwood-Camano ARC Stanwood, WA
Contact: John McCann, N7MZ
Phone: 360-629-2921
Email: huppert@whidbey.net

3 May, 1-2 June SEAPAC 2002

SCHEDULE YOUR SWAPMEET VISIT

Radio Club of Tacoma License Exams
NOVEMBER 13, 2001
7 PM RCT Clubhouse
1249 S Washington in Tacoma
Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $10. For information call: Shirley Murphy, N7QHW @ 253-265-3661

NOVEMBER CONTESTS DECEMBER



3-5 NOVEMBER
ARRL November Sweepstakes, CW
Eighth Annual North American Collegiate ARC Championship, CW
IPA Contest, Phone and CW

10-11
Worked All Europe Contest, RTTY
Japan International DX Contest, phone
OK/OM DX Contest

17-19
ARRL November Sweepstakes, Phone
North American Collegiate ARC Championship, phone
LZ DX Contest, CW only

27-28
CQ WW DX Contest, CW

1-3 DECEMBER
Tennessee QSO Party, CW/Phone/Digital
Holiday Spirits Homebrew CW Sprint
TOPS Activity Contest 3.5 MHz, CW

5
Top Band Sprint, 160-meter CW/SSB

7-9
ARRL 160-Meter Contest

15-16
ARRL 10-Meter Contest

21-22
OK DX RTTY Contest
AGB Activity Party, CW/phone

29-30
RAC Winter Contest, CW/Phone
Stew Perry Top Band Distance Challenge, CW
Original QRP Contest, CW

Dec 31-Jan 1
ARRL Straight Key Night



Want more info, check
www.arrl.org/contests

MEETING MINUTES

Radio Club of Tacoma
Membership Meeting
26 September 2001

The meeting was opened at 7:30 PM with the flag salute led by Mick, KK7QS. Introductions were made around the room. We had one visitor.

Illness or Silent Key: None reported.

Correspondence: Newsletters, bills a membership renewal, a Flea Market payment, ARRL new Ham list, request for a donation, coupons, bank statements, and address corrections.

Treasurer's report: In the Bark. Reminder to join or renew ARRL membership through the club.

Announcements: Jerry, W7BUN, announced coming programs: 10-10-01, Handicapped Hams; 10-24, QRP low power operation; 11-14, Pierce County mobile communication vehicle will be at the meeting.

Classes: Jerry, Only 4 openings for the Tech class in Oct. An Amateur Extra class will be starting soon.

Special Event for our 85th anniversary will use the special call of W7K. The event starts Friday 10-19 at 5 PM local and ends Sunday 10-21, 5PM local.

Program: Portable Emergency Communications, presented by Mario, KD6ILO, and Hal W7EC.

New Business:

Elections coming up. Nominating Comm. Chuck, KA7HJN, and Jill, K7JIL.

Committee reports:

Western Washington Fair: Shirley, N7QHW, thanked all who worked at the fair and thanked Jill.

Flea Market: Food booth made $240 profit.

85th Anniversary committee will meet 10-4-01.

Repeaters: Have been repaired but are still having problems.

Hints and Kinks: Keith, KD7KPY, is working on becoming certified as a First Aid/CPR trainer. He will be willing to do classes for the Club after he is certified.

Tuning and Traffic: PSK31 from the Fair, Chiba, Japan on Sat. and Florida on Sun.

Drawing: 50/50 for $22.50 won by Rob, WB7QCS. He donated part of it back to the club.

31 signed the attendance list.
The meeting was adjourned at 8:50 PM.

Respectfully submitted: Ed Root, KC7OKS, Secretary

ELMER TODAY VOLUNTEER!

SPECIAL SERVICE CLUB ARRL

TREASURER'S REPORT

de Roger, WA7ANJ

SEPTEMBER 2001

GENERAL FUND:

INCOME	
REFUND	$27.00
DR PRZ	$86.00
FLD DAY	**$9.53**
TOTAL	**$122.53**

EXPENSES	
PERMIT	$75.00
FD WELD	$20.00
TELEFON	**$64.26**
TOTAL	**$159.26**

NET - $36.73

SUSPENSE FUND:

INCOME	
BOOKS	$183.00
ARRL	$125.00
TOTAL	**$308.00**

EXPENSES	
BOOKS	$229.18
ARRL	$121.00
TOTAL	**$350.18**

NET -$42.18

BOTTOM LINE:

LOSS OF $78.91



Radio Club of Tacoma
Board Meeting
3 October 2001

The meeting started at 7:30 PM.

Correspondence: 2 bank statements.

Treasurer's report: In the Bark.

Committee Reports:

Flea Market: $3,652.20 profit. The date for the 2002 Flea Market is 13 and 14 September. The Chairman will be Frank, AC7JY.

Special Event Committee will meet 10-4.

Training: Jerry, W7BUN, reported that Tech Class is this weekend, an Extra class starts in about 2 weeks and a General class will be soon.

Kit Building Committee: Hasn't met yet.

New Business:

Kitsap Flea Market: We will bow out this year because of the closeness of our Special Event.

Donation: WB7RAX donated some nice equipment to the club.

Alan, KB7SVU, was here on behalf of ***Pierce County ARES***. They would like a donation from the club. He will

mke a presentation at the November Board meeting.
Elections are coming up. ***Nomination Committee*** is: Jil K7JIL, Bud, K7BUD, and Chuck, KA7HJN. To be elected, Vice President, Secretary, and Board Positions 1, 3, and 5.
Badges: We will check on prices at other places.
Field Day: We are checking on possible new sites.
Comment: We need to work harder on doing an agenda for the meetings.
Good of the Order: Rich, N7ANF, will chair the Christmas party.
Discussion was held about the club repeaters.
Attendance: Mick, KK7QS; Morel, W6LIX; Worth, W7WG; George, KK7FM; Nora, KC7JME; Jill, K7JIL; Frank, AC7JY; Al, K7HW; Jerry, W7BUN; Alan, K7SVU, Rich, N7ANF; Roger, WA7ANJ; Bud, K7BUD; and Ed, KC7OKS.
The meeting was adjourned at 9:18 PM.

Respectfully submitted: Ed Root, KC7OKS, Secretary



Radio Club of Tacoma
Membership Meeting
1 October 2001

The meeting opened at 7:32 PM with the flag salute led by Mick, KK7QS. Introductions were made around the room.
Illness or Silent Key: None reported.
Correspondence: 3 newsletters and a financial statement.
Treasurer's Report: In the Bark. Flea Market did very well. A reminder was given to renew ARRL memberships through the club.
Program: Hams with disabilities. Video and question and answer session.
Announcements: Jerry, W7BUN, announced that the next program would be on QRP. The program for the first meeting in November will be about the Pierce County Mobile Comm. Bus. Special Event Station, October 19 through October 21, with the special call of W7K. The club station will be open for the entire event. Operators are needed.
Training: One opening for the Extra class, General class is full, and 22 were signed up for the Tech class. All except one who tested on Tuesday passed.
Nominations Committee: Nominations were sought and accepted.
for V.P., Rich, N7ANF; and Frank, AC7JY.
for Secretary, Ed, KC7OKS.
for 3 Board positions: Morel, W6LIX; George, KK7FM; and Jill, K7JIL.
Drawing: 50/50 of $23 won by W7GPR who donated it to the widow of S.K. W7FAB. $10 gift certificate won by K7LMN. Donated books won by, N7BVS, W7WG, AJ7K, KD7GJM, W7DO, and AC7LK.
Hints and Kinks: Gary, W7DO, reported on some friends who came to the Flea Market and didn't understand that there was more than one building.
Good of the Order: ARES/RACES meeting at the clubhouse at 10 A.M. on 10-13. George, KK7FM, reminded us of the Scouts Jamboree On The Air, the same weekend as our Special Event. A sign up sheet for the 85th Anniversary went around the room.
Keith, KD7KPY, needs some home brewing help.
Tuning and Traffic: Worth, W7WG, licensed since 1935, made a DX contact (FINALLY). It took an e-mail and 4 telephone calls to arrange.

39 signed the attendance list.
The meeting was adjourned at 8:58 PM.

Respectfully submitted: Ed Root, KC7OKS, Secretary



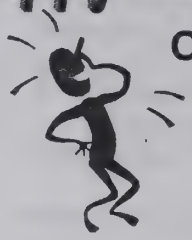


SATURDAY SWAP AND SHOP

Swap and Shop, **Saturday NOVEMBER 24th**, at the club-house, from 10 AM to 2 PM. Bring items to sell (and money to buy!).

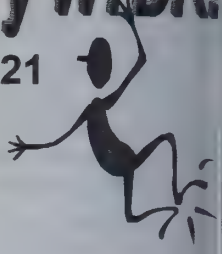


Happy Anniversary W7DK!



October 19 - 21





FULL REPORT NEXT MONTH!

QST QST QST

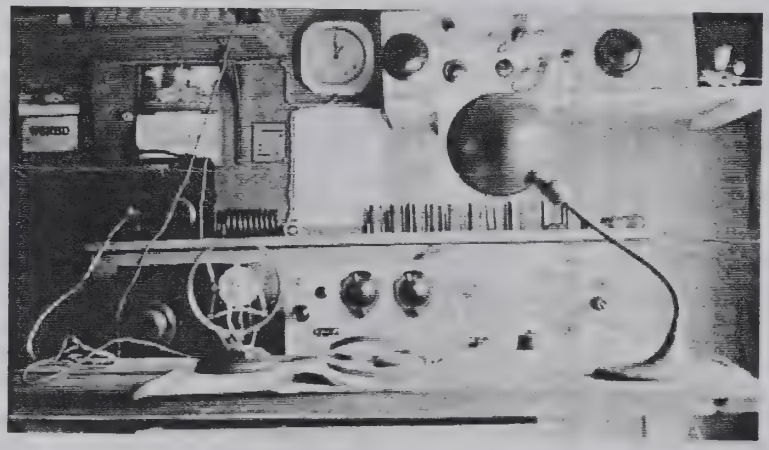
From the W7DK Club Station

HF Net every SUNDAY
28.375 MHz USB
2000 Hrs. Local

The station manager's report will return next month.

MUSEUM MUSINGS

With Worth Gurley, W7WG



This is Worth's station when he was W1IWK in Hampton, MA in 1935-36. The QSL card in the left side of the picture is from Mac, W6NBD. They have known each other a LONG time! Some real antiques!



Morel, W6LIX, at the microphone of one of the antique stations at the club.

Worth, W7WG, at the controls of another of our older rigs.

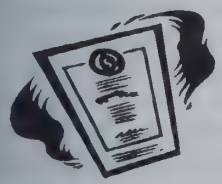


10 METER NET

CHECK-INS

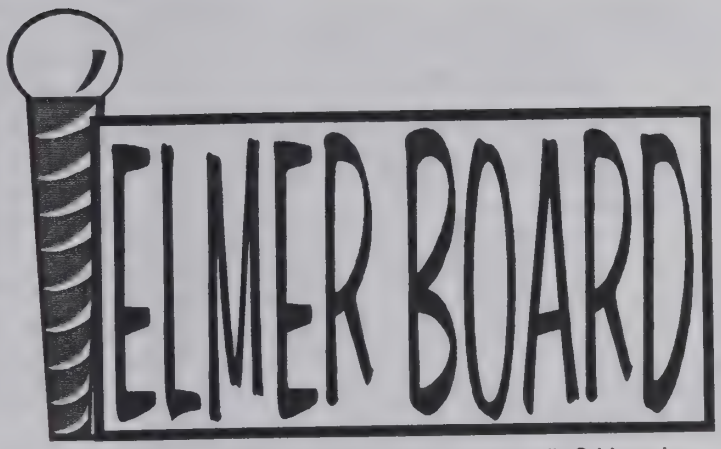
SEPTEMBER

W7GFC	(5)	George
WA7GHE	(5)	Eric
N8PSJ	(5)	Pete
N7ANF	(4)	Rich
AC7LK	(4)	John
AC7BU	(4)	Al
K7JIL	(3)	Jill
AC7JY	(3)	Frank
AC7KQ	(3)	Ray
N7QHW	(3)	Shirley
N7QHX	(3)	Tom
KC7UFR	(3)	Chuck
KD7AAG	(2)	Mark
W7EC	(2)	Hal
N7JIA	(2)	George
KC7LZL	(2)	Garfield
KC7OKS	(2)	Ed
KC7QAZ	(2)	Jeff
KB7SVX	(2)	Jean
KC7ZWM	(2)	Jessica
KC7VUM	(1)	Lou
W7BUN	(1)	Jerry
N7BUW	(1)	Bob
WA7ELI	(1)	Lou
KD7DBU	(1)	Jack
N0EYK	(1)	Kathleen
KD6FEA	(1)	Richard
KK7FM	(1)	George
WQ7H	(1)	Jim
KD7IBU	(1)	Bob
KD7KRI	(1)	Dave
N7KGA	(1)	Ralph
NN7L	(1)	Jason
W6LIX	(1)	Moral
WB2LKI	(1)	Steve
KD7MJR	(1)	Claude
KA7MYU	(1)	Less
KD7NES	(1)	Gwen
N7NVO	(1)	Dwight
WA7OHG	(1)	Wade
K8RN	(1)	Roger
KB7SCO	(1)	Mike
W7WG	(1)	Worth



FIRST CONTACT AWARD

Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First Contact Award will be issued.



Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members area their areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment

Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Frank, AB7YZ	253-752-8520	2,3
Roger, WA7ANJ	253-475-4293	1,2,3,4,7,8,11

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the board!

(Ed. Note – We need more volunteers on the elmer board. Please add your name to the list!)

▶▶▶ ADDRESS CHANGES ◀◀◀

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail.

Send changes to : Radio Club of Tacoma PO Box 11188 Tacoma, WA 98411-0188 or give them to Scott Clausen, KD7KQA, at meetings, telephone @ 253-925-8637 or email shbang@earthlink.net

If you are simply changing from your summer to winter address or vice versa you can notify Shirley Murphy, N7QHW, @ 253-265-3661 or email sundance@harbornet.com or Scott as indicated above.

◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet.

BATTLE LOOMS OVER PART 15 ACCESS TO 425-435 MHZ

The FCC has proposed changes to its Part 15 rules governing unlicensed devices that would allow operation of advanced RF identification devices between 425 and 435 MHz. By going along with a request made earlier this year by SAVI Technology Inc and fiercely opposed by ARRL, the FCC has set the stage for another battle between amateur and commercial interests.

"The FCC hasn't thought this through," said ARRL Executive Vice President David Sumner, K1ZZ. He contends that the Part 15 RFID proposal—included this week as part of a larger Notice of Proposed Rule Making and Order—is "contrary to the whole philosophy of the Part 15 rules." Sumner said the RFID devices SAVI proposes more properly belong on frequencies that are also authorized for use by devices regulated by FCC's Part 18 Industrial, Scientific and Medical (ISM) rules.

The FCC said this week's NPRM&O would modify the rules for RFID systems "to harmonize our rules with those in other parts of the world and to allow for improved operation." Sumner said that 433.9 MHz is allocated for ISM devices in 10 European countries but not in the rest of the world, including ITU Region 2 (North and South America).

Last March, the ARRL urged the FCC to deny or dismiss SAVI Technology's petition. The League argued that the field strengths and duty cycles SAVI proposed for its RFID tags were unreasonable "and would undoubtedly seriously disrupt amateur communications in one of the most popular of the Amateur Service allocations."

SAVI, which markets radiolocation and wireless inventory control products, told the FCC it needed the rules changes to satisfy customer demand for increased RFID system capabilities. The FCC this week said it agreed with SAVI that changes to its Part 15 rules to allow more advanced RFID systems in the 433 MHz band "would serve the public interest." It proposed to create a new section to Part 15 that would allow operation of RFIDs in the 425-435 MHz band and transmissions of up to two minutes at maximum field strengths now only permitted for extremely short-duration, intermittent control signals.

In an apparent about face, the FCC said it believes the proposed levels would offer only minimal interference potential for licensed users. The FCC in the past has acknowledged serious interference potential and has prohibited data transmission, among other things, at the proposed field strengths for that very reason.

As proposed, transmissions of 120 seconds would be permitted with just a 10-second silent period between transmissions. Under Section 15.231(e) periodic radiators are permitted field strengths of less than 5000 uV/m at 433 MHz measured at three meters, with duty cycles of less than one second and a silent period between transmissions that's at least 30 times the duration of the transmission.

The League pointed out in its earlier comments that the Communications Act of 1934 lacks authority to allow unlicensed devices with substantial interference potential. "Such devices must be licensed," the ARRL concluded. Unlicensed Part 15 devices must not interfere with licensed services and must tolerate interference received from licensed radio services in the same band.

Another portion of the proceeding involves the 13.56 MHz ISM frequency. Sumner said that proposal "at first glance" might permit increased emissions in the bottom 10 kHz of the 20-meter amateur band. Sumner said the ARRL would take a closer look at this section of the overall proposal before assessing its interference potential.

Sumner said the League plans to file a strong opposition to the FCC's NPRM&O. The entire Notice of Proposed Rule Making and Order in ET Docket 01-278 (which incorporates RM-9375 and RM-10051) is available on the ARRL Web site.

FCC STOPS ACCEPTING FILINGS ENCLOSED IN ENVELOPES

The FCC announced this week that, effective immediately, hand or messenger-delivered filings enclosed in envelopes will not be accepted at FCC Headquarters until further notice. The Commission is encouraging everyone to file electronically or via fax whenever possible.

Filings and other documents in envelopes or packages destined for the FCC should continue to be addressed to FCC Headquarters, 445 12th Street SW, Washington, DC 20554. At least for now, these deliveries will be diverted to the FCC's Capitol Heights facility--at 9300 East Hampton Drive, Capitol Heights, Maryland--for special handling. The FCC said it's looking for an alternative Washington, DC, site to accept delivery of filings on a more permanent basis.

A Public Notice said that starting Monday, October 22, the FCC will accept originals and copies of official filings addressed to the Commission's Secretary "held together with rubber bands or fasteners" only at its Capitol Heights facility . The FCC was accepting no hand-delivered or messenger-delivered filings--in envelopes or otherwise--before October 22. Filing deadlines for both paper and electronic filings were extended in light of the new procedures.

The changes were necessary "as a precautionary measure," the FCC said. "As the Commission continues to balance its efforts to be accessible to its customers with the need for heightened security measures, the Commission encourages its customers to make full use of the Commission's electronic filing systems to facilitate the filing of documents," an FCC announcement said.

The FCC Public Notice made no direct reference to the current anthrax scare. It also made no mention of any change in procedures regarding filings mailed in envelopes to its Gettysburg, Pennsylvania, office--where Amateur Service applications typically are sent.

The FCC said the Commission's Office of the ecretary will work with bureaus and offices, as appropri- e, o handle bulk filings in accordance with the just- nnunced precautionary measures. The new no- nvlopes procedures extend to filings requesting confi- enal treatment under the Commission's rules.

The FCC directed all questions about the new rocedures to the Commission's Secretary, msalas@fcc. ov or 202-418-0300.

Visit the FCC Web Site for more information.

EXCUTIVE COMMITTEE BRIEFED ON STATUS OF FCC, LEGAL ISSUES

The status of FCC and legal matters dominated he October 13 meeting of the ARRL Executive Commit- ee President Jim Haynie, W5JBP, chaired the gathering, whh was held near Dallas, Texas.

ARRL General Counsel Chris Imlay, W3KD, re- viewed the status of various FCC proceedings in which he League has an interest. The Committee was told that the FCC's Ultra Wideband (UWB) Transmission Systems roceeding, ET Docket 98-153, is expected to be re- solved by year's end. The ARRL has continued to partici- pate in a telecommunications industry coalition that is figuring to limit the interference potential of UWB devices.

Meanwhile, a resolution of the issue is not ex- pected for several months in the ARRL's Petition for Rule Making requesting the FCC to elevate the Amateur Servic to primary at 2300-2305 MHz. The FCC is under considerable pressure to increase the commercial use of spectrum in this general frequency range, Imlay told the panel. The League has been attempting to elevate Ama- teur Radio's status in the segment for five years, and re- newed its request last May in a petition, RM-10165. A pe- tition by AeroAstro, RM-10166, proposes a co-primary allocation but would place new restrictions on amateur operations in the 2300-2305 MHz band.

Imlay said the FCC is not likely to accommodate the Microtrax Petition for New Personal Location System at 2300-2305 MHz. Imlay also shared draft comments due for filing October 19 that address the inclusion of the 2390-2400 MHz amateur allocation among bands the FCC is considering for so-called next-generation wireless devices, ET Docket 00-258. The draft comments con- cluded that additional commercial use of 2390-2400 MHz is incompatible with the amateur primary allocation, but it may be possible to accommodate some government sharing.

Imlay said it's anticipated that the FCC will com- bine three other ARRL petitions into a single proceeding early next year. RM-9949 calls for an Amateur Service primary allocation at 2400-2402 MHz; RM-9404 seeks new amateur allocations at 135.7-137.8 kHz and 160-190 kHz; and RM-10209 requests a new amateur allocation at 5250-5.400 MHz.

Regarding ET Docket 99-231, Further Notice of Proposed Rule Making Regarding Part 15 Spread Spec- trum Devices, Imlay noted that the ARRL has filed com- ments opposing the elimination of the processing gain requirement for direct sequence spread spectrum sys- tems in the 2400-2483.5 MHz band because the require- ment gives manufacturers an incentive to design spec- trum-efficient systems.

Imlay noted that the FCC has requested parties to "refresh the record" in IB Docket 95-59 regarding re- consideration of rules adopted in 1996 on preemption of local zoning regulation of satellite earth stations. He ob- served that this may provide an opportunity to argue against inconsistent interpretation of the FCC's authority to preempt private land-use restrictions. The committee instructed Imlay to prepare and file appropriate com- ments in this proceeding.

Imlay reported that Barry Gorodetzer, N4IFE, was awarded his attorney's fees by a Florida trial court in his successful amateur antenna-related suit against the Emerald Estates Community Association. The Associa- tion has appealed. The ARRL Antenna Case Assistance Committee has provided funding to help cover the oppo- sition to the appeal. The committee also reviewed the status of other cases involving amateur antennas.

In addition to Haynie and Imlay, others attending included First Vice President Joel Harrison, W5ZN; Ex- ecutive Vice President David Sumner, K1ZZ; and Direc- tors Frank Butler, W4RH, Frank Fallon, N2FF, Tom Frenaye, K1KI, and Fried Heyn, WA6WZO, and Interna- tional Affairs Vice President Rodney J. Stafford, W6ROD.

CQ ASKS CONTESTERS TO E-MAIL ALL LOGS

CQ magazine is asking all participants in CQ- sponsored Amateur Radio contests to submit their logs electronically. "In light of recent events regarding hazard- ous items sent through the mail, logs received through the mail at the CQ offices will be held unopened until all potential health risks have been evaluated," a CQ Com- munications news release said. CQ said it cannot guar- antee that logs submitted via the US Postal Service will be opened.

All logs for the CQ World Wide DX Contest, the CQ WPX Contest, the CQ World Wide 160-Meter Con- test, the CQ World Wide VHF Contest and the CQ/RTTY Journal RTTY contests should be submitted via e-mail according to the instructions in the rules for each contest.

CQ Communications President Dick Ross, K2MGA, said CQ regrets the inconvenience to contesters lacking Internet or e-mail access or those who log by hand, but he said CQ did not want to risk the chance that staff members or contest committee volunteers might be exposed to dangerous packages sent through the mail. CQ suggested that contesters not now using computer logging programs start doing so.

CQ also suggested that hand loggers transcribe their logs into an ASCII (.txt) file using a word processor, separating each contact element with a tab, separating each contact with a carriage return, and e-mailing the re- sulting file to the address listed in the contest rules. "Be sure to include the required information about your sta- tion in a covering e-mail message," the CQ notice ad- vised.

AMSAT-NA SEEKS NAME FOR NEW SATELLITE PROJECT

AMSAT-NA is looking for a proper name for its new satellite project--now known simply as "Project JJ" after the two proponents of the technology AMSAT is de-

veloping—Lyle Johnson, KK7P, and Dick Jansson, WD4FAB. In his President's Letter this week, AMSAT-NA President Robin Haighton, VE3FRH, said Johnson and Jansson have asked for a name change. Haighton requests suggestions for a new name via e-mail <ve3frh@amsat.org>; by November 30. A committee will review the suggestions and announce a decision. "The person who proposes the chosen name will receive free admission to the Dayton AMSAT 2002 dinner," Haighton said. If there's a tie, the earliest entry will be declared the winner.

ARRL MEMBERS' HELP NEEDED WITH CC&R EFFORT

ARRL is encouraging members to write their members of Congress in an effort to build awareness in Congress that private land-use regulations have become a real problem for many Amateur Radio operators. ARRL Legislative and Public Affairs Manager Steve Mansfield, N1MZA, says support from the amateur community will help to backstop the League's efforts to meet with elected representatives and staffers on Capitol Hill to discuss possible legislation.

"In the meantime, we continue to prowl the halls of Congress in search of supporters!" Mansfield said.

As condominium complexes and planned communities proliferate, covenants, conditions and restrictions, or CC&Rs, have become a growing obstacle to amateurs who want to erect antennas. At its July meeting, the ARRL Board of Directors adopted a goal of legislative action to help overcome the restrictions that CC&Rs impose on Amateur Radio antennas.

Amateurs who are affected by CC&Rs--or who know someone in their Congressional district who is--are invited to adapt the ARRL's sample letter to their own situations and consider sending it to their Congressional representative. A sample of the letter is on the ARRL Web site <http://www.arrl.org/govrelations/ccr-sample-letter.html>;.

To find a Senator's mailing address, visit the US Senate Web site <http://www.senate.gov/contacting/index.cfm>;. To find a Representative's mailing address, visit the US House of Representatives Web site, <http://www.house.gov/writerep/>;.

Those writing are requested to share their correspondence with Steve Mansfield, N1MZA, Legislative and Public Affairs Manager, ARRL, 225 Main St, Newington, CT 06111; n1mza@arrl.org.

FCC SAYS BAND PLANS DO MATTER

The FCC recently asked three amateurs to respond to complaints alleging that they deliberately transmitted SSB on top of CW stations operating in the vicinity of 1820 to 1825 kHz. The FCC has never designated mode-specific subbands in the 160-meter amateur band. Instead, operators are asked to voluntarily adhere to the ARRL band plan, revised this past summer, which recommends a lower limit of 1843 kHz for SSB operation.

In the wake of the complaints, FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth wrote George Wehrung, W5TZ, and Dennis Clauder, KT5S--both of Texas--and Derrick Vogt, WA4TWM, of Kansas in mid-September. Hollingsworth asked each to respond to allegations from several other operators that their SSB transmissions deliberately interfered with attempts by others to operate on CW between 1820 and 1830 kHz. Copies of the complaints were sent to all three operators.

"Band plans are voluntary in nature," Hollingsworth acknowledged in each of the similarly worded letters. He said the FCC depends upon voluntary compliance because it minimizes the necessity for the Commission to be called in to resolve amateur problems. "Where interference results from band plans not being followed," Hollingsworth continued, "the Commission expects substantial justification to be shown by the operators ignoring the band plans."

Hollingsworth requested that Wehrung, Clauder and Vogt each reply to the complaints within 20 days.

IARU ADMINISTRATIVE COUNCIL CALLS FOR END TO MORSE REQUIREMENT

Saying that it was "setting aside any previous relevant decisions," the International Amateur Radio Union Administrative Council this week resolved that IARU policy supports "the removal of Morse code testing as an ITU requirement for an amateur license to operate on frequencies below 30 MHz." The Council further resolved to urge member societies--as an interim measure--to seek Morse code testing speeds "not exceeding five words per minute."

The resolution was adopted during the IARU Administrative Council meeting October 6-8 in Guatemala City, Guatemala, which followed the 14th General Assembly of IARU Region 2.

The Council's Morse resolution took into consideration the approval—without opposition--of ITU-R Recommendation M.1544. That document sets out the minimum qualifications of radio amateurs. The Council also said it recognizes that Morse code "continues to be an effective and efficient mode of communication used by many thousands of radio amateurs" but that Morse code proficiency as requirement for an HF amateur license "is no longer relevant to the healthy future of Amateur Radio."

The principal business at the Administrative Council session was to review the status of IARU preparations for WRC-2003. Agenda items of concern to amateurs include, among others, the harmonization of amateur and broadcasting allocations near 7 MHz, the adequacy of HF broadcasting allocations below 10 MHz, and possible revisions to Article S25 of the international Radio Regulations.

Among other things, Article S25 spells out Amateur Radio operator qualifications. It now provides that Amateur Radio license applicants demonstrate the ability "to send correctly by hand and to receive correctly by ear, texts in Morse code signals" for operation below 30 MHz. The IARU Administrative Council supports the revision of Article S25 and the incorporation by reference of Recommendation M.1544.

The IARU Council selected the theme of the next

'ot Amateur Radio Day, April 18, 2002, as "Amateur ac): Continuing Innovation in Communication Technol- gy

LMER STORIES WANTED

Attention, clubs! Is there someone in your club nds especially good at Elmering (mentoring) new an? Write and tell us what that person does that goes oce and beyond the ordinary. A Web feature--"Elmers: Giding Ham" (similar to "Club Spotlight")--has debuted n ARRLWeb and awaits your story. Now's the chance to iut our Elmer in the spotlight! Send your information to /anie Bourgoin, KB1DCO, ARRL Field and Educational Sen ces, mbourgoin@arrl.org This is your time to publicly ora e that special mentor!

SC CLARIFIES CORES AMATEUR MPLEMENTATION

The FCC's Wireless Telecommunications Bureau nas clarified several issues regarding Amateur Service mplementation of the Commission Registration System--or CORES. Starting December 3, everyone doing busi- nes with the FCC--including amateur licensees--must obt n and use a 10-digit FCC Registration Number FRN) when filing.

Amateur licensees now registered in the Univer- sal licensing System (ULS) already have been cross- egistered in CORES and issued an FRN by mail. The -C said it planned another cross-registration by Novem- e 28. Amateurs can check to see if they have an FRN via ULS license search. Many Internet call sign servers, inc ding ARRL's, also can provide this information.

Once CORES becomes mandatory, the FCC will "au o-register" all amateurs who seek to register in ULS an will issue them an FRN. Amateurs then should use ne FRN in place of their Taxpayer Identification Number (TIN--typically an individual's Social Security Number) wh n filing applications with the FCC. New or upgrade lic nse applicants not previously registered in ULS will be re istered automatically in both CORES and ULS when th provide a TIN on a license application filed through a Vo unteer Examiner Coordinator.

Although both ULS and CORES will contain a li- cesee's FRN, updating information in one system will no update the other. For amateurs, CORES registration wi replace ULS "TIN/Call Sign" registration, but the ULS wi remain the Amateur Service licensing database within WTB, and only ULS will associate an individual with a pa ticular call sign and FRN. Once CORES/FRN be- co es mandatory, those registering in ULS will be redi- re ted to CORES registration.

Going away December 3 will be the so-called As- si ed Taxpayer Identification Number, or ATIN, which th FCC has been issuing to applicants ineligible to ob- ta a Social Security Number, such as foreign applicants a club station licensees. An FCC Public Notice this wek said applicants that have been using ATINs "must n w register in CORES." The FCC said it will accept AT- IN only "during a short transitional period" after Decem- b 3.

CORES will offer exemptions to amateur clubs and to foreign entities not holding a TIN/SSN. Club station applicants also may use a trustee's TIN/SSN or a tax-exempt club's IRS-assigned EIN.

The WTB says that starting December 3, "all passwords will be maintained in the CORES database." Amateurs also may use FCC Form 160 to register in CORES, and those doing so will be mailed a CORES password for on-line access.

The FCC continues to work out the details of how amateurs, CORES and ULS will coexist. Amateur Service testing with CORES is planned for early November.

ENFORCEMENT CASE HIGHLIGHTS FCC CERTIFICATION RULES

The FCC's Riley Hollingsworth used the occasion of a recent Warning Notice to hammer home the FCC's position on the sale of RF amplifiers that have not received FCC certification--formerly called "type acceptance." In a September 19 letter to Extra licensee Sidney Lee Martin, KD4YBC, Hollingsworth reiterated an earlier FCC warning to Martin that he cease commercial marketing of non-certificated external RF amplifiers and amplifier kits capable of operating below 144 MHz.

In 1978, the FCC banned the manufacture and sale of any external RF amplifier or amplifier kit capable of operating below 144 MHz without a grant of certification from the FCC. The rules specifically prohibit manufacture and sale of amps that operate between 24 and 35 MHz as a means to stem the flow of illegal Citizens Band amplifiers.

The case arose from a February 11, 2000, warning to Martin from the FCC's Detroit office as a result of a classified ad Martin had run in QST. The ad featured the sale of external Amateur Radio RF amplifier kits for HF and 6 meters. The FCC letter admonished Martin that selling or offering such units for sale violated Section 2.815 of the FCC's rules.

Martin--who operated a one-man business called RF Electronics in South Carolina--countered with his interpretation that he was allowed, under FCC Part 97 Amateur Service rules, to sell such kits as one amateur to another under an exception to the certification rules. Martin argued that Section 97.315 of the Amateur Service rules permitted his licensed customers to purchase from him--as another licensee--and construct or modify one model of a non-certificated RF power amp or kit per calendar year for that licensee's personal use.

The FCC rejected that analysis, however. Hollingsworth emphasized that Section 2.815(c) of the FCC's rules requires all external RF power amplifier kits that can operate below 144 MHz after assembly be FCC-certificated before they can be made, sold, leased, marketed, imported, shipped or distributed. He noted that other provisions of Section 2.815 apply only to certain already fabricated amplifiers and do not exempt amplifier kits, particularly those capable of operating between 24 and 35 MHz after assembly.

Hollingsworth said Section 97.315 also "specifically prohibits the use in the Amateur Service of an amplifier that the operator had constructed from a non-certified kit." He also noted that, in addition to kits, Mar-

tin's RF Electronics Web site had been selling non-certificated, assembled RF power amplifiers for use below 144 MHz. Hollingsworth said at least three of the assembled models were advertised as operational between 24 and 35 MHz.

Hollingsworth said FCC rules permit an individual amateur to construct or modify a non-certificated RF power amplifier once per calendar year for use at that amateur's own station--although the unit may not be built from a kit--and the amateur may then sell the amplifier to another licensee or dealer. The rules do not provide for mass marketing or manufacturing and marketing kits or assembled amplifiers as part of a business, Hollingsworth said. He added that the FCC would prosecute any violations and take enforcement action against Martin's amateur license.

Martin's Web site no longer offers any RF amplifiers for sale.

NEW URL FOR ARRL NORTHWESTERN DIVISION WEB SITE

The ARRL Northwestern Division Web site has a new address, effective this week. The new Web address is http://www.nwarrl.org. Glenn Moore, N7VBW, is the Webmaster.

HAM-SAILOR PINS DOWN ARRIVAL IN US

David Clark, KB6TAM, who's trying to be the oldest person to sail solo around the world, has set Pearl Harbor Day, December 7, as his new "confirmed" date of arrival in Fort Lauderdale, Florida. Clark currently is in Trinidad, sitting out the Atlantic hurricane season. Clark told his wife, Lynda, that he was saddened by the September 11 terrorist attacks. "He has been following the news in Trinidad via TV," she said. "It makes him homesick to be back in the USA where he can be close to his family, and he is very anxious to get under way again." Clark will leave Trinidad the first week in November. He plans to complete his trip at the Marriott Marina on 17th Street Causeway, Fort Lauderdale. A gala celebration will ensue.

Editor's Notes

Here we are, at the time when snow birds fly south! We are getting ready to leave, with our departure day Nov. 2nd. We plan to be in AZ on about Nov. 11th. The time has really flown by this year. I was told that the older we get, the faster time goes by! I believe that is true!

Traveling south, our APRS should work fairly well, as there is more coverage along our route than there is toward the east.. To follow us on the internet, go to: Map.findu.com/k8rn Send us an e-mail and let us know how it is working.

Now that regular Club activities are winding down, remember that there are other activities that help keep the Club going through the year. The Christmas gathering is coming and, of course, our regular meetings each month. Keep your finger in the pie!

As we approach Thanksgiving, remember ALL our blessings. There is much to be thankful for this year.

God bless America and our world! 73, Kathleen
E-mail address: kathleen@naceplace.com

ARRL RCT VE Team Report

In October 2001, we tested 28 persons during the VE Testing session at our VE Team testing session on the second Tuesday. Out of the 28 people, 23 people either upgraded their license or achieved a new license. The remaining 5 persons were unsuccessful in their attempt to pass the requested test elements. With 28 elements given, we had 82% passing rate.

Achievements included 18 Technician Class licenses, 1 Technician W/HF, and 3 General Class licenses.

Twenty-two of the people testing were from the Tech Class taught at the clubhouse the weekend before testing. Of these 22, only 2 persons were unsuccessful in their attempt to become licensed for a passing rate of 91%. Our team of instructors deserve a great big "CONGRATULATIONS" for a job well done.

Congratulations to all the new amateur radio operators and stay tuned for further exam testing results in the future.

73, Shirley, N7QHW, Radio Club of Tacoma VE Team Liaison

ARRL MEMBERSHIP

If you haven't joined or rejoined the ARRL, please do so through the Radio Club of Tacoma! The ARRL is the major voice for Amateur Radio in the US and, besides providing a wealth of information to its members, they provide us with a voice in Washington to help protect the interests of all amateurs. Additionally, RCT is an ARRL Special Service Club and RCT needs to have at least 51% of its members belong to the ARRL to retain its Special Service Club status. See the Treasurer for application forms, and bring your ARRL renewal notices and rejoin through the club. The club receives a commission for each new or renewed membership sent through the club.

JOIN TODAY!

See our club treasurer for details.

SPECIAL SERVICE CLUB

DO THE PUYALLUP!

It was a busy 17 days and a great big THANK YOU goes to all of you great volunteers that kept the Fair booth staffed for all the shifts. We had persons staffing the booth for a total of 408 hours. Most shifts were covered by the time the Fair started due to volunteers stepping up and doing more shifts or calling Jill and simply saying, "how can I help". It was also greatly appreciated at the changes needed to keep the booth covered were minimal.

Thanks to Dick, KB6PWR, Edith, KB7KSY, Roger, K8RN, Kathleen, N0EYK, and Jill, K7JIL, for all of their help in getting the booth ready for the Fair. Thanks also to Kathleen, Roger, Dick, Edith and Jean, KB7SVX, who helped break down the booth after the Fair. Many compliments were again expressed by club members as well as the public on how nice the booth always looks. Roger went to ICOM to pick up the radios, Dick made a return trip with a radio that wouldn't work to get a replacement, and Shirley returned the radios to ICOM upon completion of the Fair. A GREAT BIG "THANKS" TO ICOM for once again supporting our efforts at the Fair booth by lending us radios for the duration of the Fair. Thanks to Jill, K7JIL, who harassed all of you to fill all those blank spaces for the Fair Booth staffing. Good work and thanks a bunch to each of you! It wouldn't happen without you.

A big thank you to Jerry, W7BUN, who readily volunteered to organize the traffic handlers for our Fair traffic and also filled in to pick up traffic when necessary. It has been a popular activity for the public and we sure appreciate the amateurs who helped out with this part of our Fair activity. Thanks to the following who helped get the traffic on its way. Jerry, W7BUN; Don, K7QLC; Bill, KI7YK; Tom, W7PK; Al, AC7BU; Cal, W7SFT; Jean, KB7SVX; Scott, NF7Y; and Hal, W7EC. The number of messages sent was 67 (which is down from past years) and they went to the following states: 3 to AZ, 8 to CA, 1 to MN, 1 to OR, 3 to FL, 2 to NY, 1 to IL, 1 LA, 2 to SC, 2 to WI, 1 to OK, 1 to OH, 1 to MI, 1 to IN, 7 to MA, 3 to PA, 2 to CO, 2 to GA, 1 to IA, 6 to NJ, 1 to HI, 3 to NV, 1 to KS, 1 to ID, 1 to TX , and the remaining to WA. This year, 2 messges were sent out of the country, one to Pitcairn, Australia and one to Estidi, Nicaragua.



There were 814 Amateur Radio Operators that signed in our log book. Mostly of course from Washington state (east and west) and also from the following locations, 3 from TX, 3 from AZ, 1 from AK, 1 from FL, 1 from CO, 1 from CA, 1 from SD, 4 from OR, 1 from HI, 1 from NM, 1 from NY, 1 from NC, 2 from IL, 1 from VA, 2 from AL, 1 from KS, 1 from MT, one each from the following areas, Barquisimeto, Venezuela; Volccien, Panama; Staines, N London, England; Cindad Real, Spain; and International Base of Travel, United Nation Headquarters.

THANKS to the following for staffing the booth and working so well with the public. PHIL, W7PFZ; MARV, KC7JKA; ROGER, K8RN; DICK, KB6PWR; EDITH, KB7KSY; ED, KC7OKS; JILL, K7JIL; BOB, W7SKI; DON, W7DON; NORA, KC7JME; HAL, W7EC; CHUCK, KA7HJN; JEAN, KB7SVX; MICK, KK7QS; DAWN, KC7VZM; WORTH, W7WG; MOREL, W6LIX; AL, AC7BU; TOM, N7QHX; FRANK, AC7JY; BOB, KD7IBU; RICH, N7ANF; VERN, KD7GTZ; JEFF, KC7ZWE; MILT, KD7GUD; CHUCK, N7STR; HARRY, W7HHP; ROB, WB7QCS; GEORGE, KA7HE; TOM, N7VDU; ERIC, WA7WAL; ROGER, WA7ANJ; BILL, AB7WJ; KATHLEEN, N0EYK; BUD, K7BUD; NORM, KD7DCN; TRESSIE, KC7BAL; ALAN, KB7SVU; MARILYN, KJ7BN; JERRY, W7BUN; SCOTT, NF7Y; CHUCK, KC7UFR; DANA, KD7KPZ; MARK, KD7AAG; LOU, KC7VUM; SHIRLEY, N7QHW; GEORGE, KK7FM; LORRAINE, KA7WGG; JOHN, AC7LK; JEAN, KB7SVX; and KERRY, WB7AKE.

Many of the fair booth persons as well as the traffic handlers did multiple shifts or times for handling traffic and it was greatly appreciated. Thanks again and don't forget to help out again next year when we "DO THE PUYALLUP". Thanks one and all!
73, Shirley, N7QHW

REMEMBER PEARL HARBOR!
SPECIAL EVENT STATION

at the Naval Undersea Museum, Keyport, WA

December 7th, 2001 is the 60th anniversary of the attack on Pearl Harbor and marks the entry of the United States into World War II. An amateur radio special event station will be conducted at the Naval Undersea Museum in Keyport, WA to honor those who sacrificed their lives and to those who were wounded during this attack defending our country and its flag.

The event is sponsored by North Kitsap Amateur Radio Club of Poulsbo,WA in conjunction with the Naval Undersea Museum at Keyport, Washington. The amateur radio clubs of the Puget Sound area are invited to participate. The station will be operated from 1600Z on December 7, 2001 to 2400Z on December 8, 2001.

Two stations will be located in the Undersea Museum to operate from 1600Z to 2400Z on both days. The stations will operate in the CW and SSB modes in the bands providing the best propagation at the time. From 1600Z on December 7th until 2400Z on December 8th, operations will be conducted in communications trailers operating from the museum parking lot on the bands providing the best propagation.. Data modes (RTTY, PSK31 and packet will be put on the air if resources are available. Provisions will be made to acknowledge VHF packet radio messages who respond to the packet announcement.

NKARC needs personnel to operate and log at all positions. Operation is divided into two-hour intervals at both operating sites. If interested in operating at this event, please e-mail to bobtomas@sprintmail.com with 3 different intervals within the time frames described above.

IO CLUB OF TACOMA
BOX 11188
OMA, WA 98411-0188

[ ] NEW MEMBER (ONE APPLICATION PER MEMBER)

[ ] RENEWAL (ONE RENEWAL FORM PER FAMILY OK)

BER CATEGORY: [ ] FULL [ ] SENIOR [ ] ASSOCIATE [ ] FAMILY [ ] LIFE [ ] STUDENT [ ] REINSTATEMENT

_____ Call_____ Class_____ Birthday_____

res _____City/State_____

4 _____Home Phone(____)_____ Work Phone(____)_____

_____Publish phone number/e-mail in the Club Roster? Yes [ ] No [ ]

er Call(s)_____

you a Volunteer Examiner Yes [ ] No [ ] If Yes, which VEC_____

upation (or former occupation)_____ Employer_____

you a member of: ARRL [ ] ARES/RACES [ ] MARS [ ]

MEMBERS NAME, CALL, AND LICENSE CLASS (RENEWALS ONLY)

_____

_____

_____

H RADIO CLUB PARTICIPATES AND SUPPORTS THE FOLLOWING ACTIVITIES EACH YEAR. PLEASE MARK THE BOX IN T OF THE ACTIVITY OR ACTIVITIES THAT YOU WILL HELP SUPPORT. WE URGENTLY NEED YOUR HELP AND SUPPORT, AS CONSIDER AT LEAST ONE ACTIVITY THAT WE CAN COUNT ON YOU TO SUPPORT.

AWARDS BANQUET
FIED DAY
C FLEA MARKET
OTH AT THE WWA FAIR
WEEPSTAKES IN NOVEMBER

[ ] VE TEAM
[ ] LOGGER'S BARK MAILING PARTIES
[ ] TEACHING CLASSES
[ ] SCOUTS JAMBOREE IN OCTOBER
[ ] BEING AN ELMER

[ ] ARES/RACES
[ ] N KITSAP FLEA MARKET
[ ] OTHER MISC CONTESTS
[ ] MIKE & KEY FLEA MKT
[ ] RCT MUSEUM

ther obbies, expectations, comment:_____

you own a computer? Yes [ ] No [ ] If so, what type?_____

ow did you hear about the Radio club?_____

ver dollars ($7.00) of your annual dues is the subscription fee for the Club's monthly newsletter(The Logger's Bark).

dges are available for $9.00. If you would like a badge, please PRINT the following:

Badge Name_____ Badge Call Sign_____

pplicant's Signature_____ Date_____

NNUAL MEMBERSHIP DUES: FULL OR ASSOCIATE MEMBER $30
FAMILY MEMBER (AT SAME ADDRESS, FIRST TWO) $15 EACH (ALL ABOVE 2 ARE FREE)
SENIOR MEMBER (65 AND OVER) $25 FULL-TIME STUDENT (UP TO AGE 25) $15
LIFE MEMBERSHIP = 20 TIMES ANNUAL DUES (PAYMENT PLAN AVAILABLE)

FOR RCT USE ONLY

Dues received $_____ Treasurer's initials_____ Date_____

Badge fee rcvd $_____ Treasurer's initials_____ Date_____

Receipt Number_____ Radio of Tacoma Membership Number_____

Dec 2001

HE.OGGER'S BARK
ad› Club of Tacoma, Inc.
O lox 11188
ac‹na, WA 98411

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TACOMA, WA
PERMIT NO. 1078

ETIRN SERVICE REQUESTED

COMING EVENTS



DC 1 - **Pinochle Potluck** - 7 PM, Clubhouse

DC 5 - **Board Meeting - Clubhouse, 7:30 PM** - All members welcome.

DC 7 - **Christmas Party**, 6-9 PM, TACID Building

DC 11 - **License Exams** - 7 PM - Clubhouse

DC 12 - **Club Meeting** - Library Administration Center, 7:30 PM
Program: **VK0IR - HEARD ISLAND - OUTPOST AT THE EDGE**

DC 15 - BARK deadline

DC 16 - **"A CELEBRATION OF LIFE" Potluck**, 1-3 PM, Clubhouse

DEC 25 - BLESSED CHRISTMAS!

DEC 26 - **NO Club Meeting** - Enjoy the holiday with family and friends!

LST SATURDAY - **Dec 29 - Swap and Shop** - 10 AM to 2 PM, Clubhouse

- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- ***Check in on the 10 Meter Net every Sunday evening, 8 PM, on 28.375 MHz USB***
- **See page 3 for meeting program schedule.** Check the weekly net for updates to the program schedule.

BLESSED CHRISTMAS!

December 2001

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1 ALVIN CHARAP KA7BRT* 9:00 OPEN HOUSE 7:00 PM PINOCHLE POTLUCK
2 CHRIS ROSE KF6SNJ*	3 HAL STAHLHUT W7EC*	4 JOSEPH DOUGLAS KC7FF* 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	5 ROY BROOKS W7RTB* 7:30 PM RCT BOARD MTG	6 FRANK PALMER AC7JY*	7 18:00 CHRISTMAS PARTY, TACID BUILDING	8 MARILYN THORDARSON KB7PCT* 9:00 OPEN HOUSE
9	10	11 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	12 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH & WALLER RD	13	14 WILLIAM DRUM KJ7KT*	15 JACK MOORE WA7ENB* 9:00 OPEN HOUSE
16 ROBERT STEWART WB7QCS* JERRY SELIGMAN W7BUN* KEN SCOTT KB7UXT* DAVID HALE KD7EMS*	17	18 KEN CASTILE KC7UHG* DOUGLAS SMITH AJ7Y* 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	19 JASON FALLON NN7L*	20 SANDY NEWHOUSE KD7HYT*	21 RANDY MYERS WB4SPB*	22 MARK RHODEN KB7PKD* 9:00 OPEN HOUSE
23 DAVID DODD WB7AUJ*	24 Christmas Eve	25 Christmas 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	26 7:30 PM RCT MEETING LIBRARY ADMIN BLDG 112TH & WALLER RD	27	28 CHUCK SOUTER KA7HJN*	29 Swap and Shop 10 AM to 2 PM Clubhouse 9:00 OPEN HOUSE
30	31 New Year's Eve					

* HAPPY BIRTHDAY!

RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXVIII NR. 12 W7DK DECEMBER 2001

FROM THE PRESIDENT

Mick, KK7QS

Season's Greetings! Here we are at the end of the year. I'd like to think we had a pretty good one too. It is time to welcome the new officers and board members for the coming year. Rich, N7ANF, will be the club's Vice-President for the next two years. Ed, KC7OKS, will handle the duties of the Secretary. George, KK7FM, Morel, W6LIX, and Jill, K7JIL will fill the open board positions. These elected officers and board members will join us to help provide you with a fun and productive club. Thank you to those who served on the staff for the previous term: Morel, W6LIX, as Vice-president, Ed, KC7OKS, as Secretary and board members Al, K7HW, George, K7FM, and Rich, N7ANF. I would also like to thank every one for their participation and support for the Radio Club of Tacoma. We are looking forward to a fun year. Come join us!

In support of emergency communications, the Radio Club of Tacoma has donated $200.00 cash to ARES / RACES to help with some of the administrative costs. The importance of a ready and functioning emergency communication system is invaluable in the case of disaster. Whether natural or terrorist, we will need reliable communications. If you get a call from your area Emergency Coordinator, please do what you can to help.

Once again, it is time for the Club's annual Awards / Christmas banquet. This year we will have the festivity at the TACID Building located on 19th street just east of TCC. It will be a potluck, so bring your favorite dish and join in the fun. See you there! 73 de KK7QS



IN THIS ISSUE...

- ▶ **COMING RCT PROGRAMS** - Page 3
- ▶ **ARRL NEWS** - Page 10
- ▶ **STATION MANAGER REPORT** - Page 14
- ▶ **MUSEUM MUSINGS** - Page 5
- ▶ **CONTESTS** - Page 9

2 SPECIAL EVENT OPERATIONS IN DECEMBER

Maxim Memorial Station W1AW has scheduled two Special Event operations during December.

W1AW will be on the air December 3-7 to honor the 80th anniversary of the 1921 Transatlantic tests. Listen for W1AW/80 on many HF and VHF bands (including satellites).

W1AW also will celebrate the 40th anniversary of the first Amateur Radio satellite–OSCAR I–launched into orbit on December 12, 1961. W1AW will be on the air as W1AW/40 December 10-14 on as many of the active satellites as possible.

A special QSL card will be available for contacts or listener reports on both events. QSL requests for W1AW/80 and W1AW/40 go to W1AW, 225 Main St, Newington, CT 06111. Include a self-addressed, stamped envelope or the appropriate number of IRCs with each request.

RADIO CLUB OF TACOMA -- 1999

PRESIDENT	MICK PIER	KK7QS	847-8223
V PRESIDENT	MOREL GUYOT	W6LIX	838-5433
SECRETARY	ED ROOT	KC7OKS	851-7463
TREASURER	ROGER TERWILLIGER	WA7ANJ	475-4293
BOARD (5)	AL BURLESON	K7HW	474-9023
	WORTH GURLEY	W7WG	582-3844
	RICH MANSON	N7ANF	474-8883
	GEORGE NOBLE	KK7FM	756-1127
	FRANK PALMER	AC7JY	539-1685
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COMPOSITOR	KATHLEEN NACE	NØEYK	209-5624
PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 253-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350 #14060, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

SUNSHINE & CONGRATS

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please contact Jill Palmer, K7JIL, (253)539-1685 or e-mail, hamtalker2@aol.com

W7DK/Radio Club of Tacoma

147.28 / .88 MHz **144.97 - Packet**
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Reinstatements

Address/Phone Changes/Corrections

E-Mail Address Changes/Additions
New Calls/Upgrades

Scott Clausen, KD7KQA shebang@qwest.n

Silent Keys



FAREWELL, LOU

Oct 28, 2001:
We lost a friend today with the passing of Louis Simmons, KB7WDB.
Oh, we will survive and go on but there will be something missing: his hale fellow well met, his stories of experiences, his helping hands, his ready ideas on almost any problem.
I personally will miss calling him to just chat and get his ideas to mix with my own.
Lou was never shy about helping out even to the where it was not in the best interest for his health.
I don't know how long Lou and Nora were friends of the Radio Club of Tacoma, but I know the club is much better off because of it. I have only known them for 5 years but I feel we have been friends forever. Godspeed Lou and give Nora the will and strength to go on without him.
Al & Wilma, AC7BU & KD7IGY.

PINOCHLE



PINOCHLE & POTLUCK
Saturday, Dec. 1st, 7 PM
For info call:
Jack, WA7ENB, & Marilyn Mo
253-759-4898

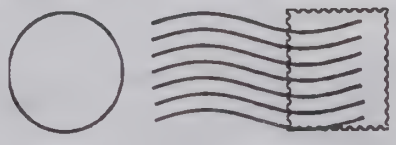
COMING PROGRAMS AT RCT

DECEMBER 12TH, 2001 -- VK0IR - HEARD ISLAND - OUTPOST AT THE EDGE
Heard Island is in the South Indian Ocean almost in Antarctic waters. It's 600 miles southwest of Perth, Australia, and 200 miles south of French owned Kerguelen Island. It's the most isolated and one of the most dangerous places to visit on earth. The winds and waves are ferocious. This video was originally produced for television broadcast, and was just released for ham club use this summer.

DECEMBER 26TH, 2001 -- NO MEETING -- HAVE A GREAT HOLIDAY SEASON!

JANUARY 9TH, 2002 -- INTERNET LINKING RADIO PROJECT (ILRP)
With ILRP, a local repeater can be connected to the Internet and then be transferred to a repeater in another city anywhere in the world. Marty Johnson, KC7ZWG, will explain how the technique works, and invite all local hams to try it out on his Tacoma 444.000 MHz (127.3 PL) repeater. Now we can all work DX with a UHF mobile radio or handi-talki.

NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW TO CONTINUE RECEIVING YOUR BARK



...and the QSL CARD for this month is...

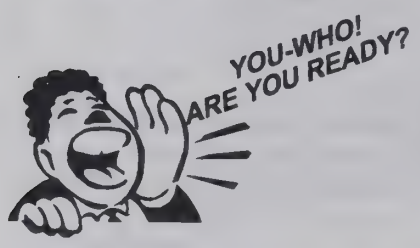
ST. HELENA

The island of St. Helena is in the South Atlantic Ocean, 1500 miles northwest of Cape Town, South Africa. St. Helena is small yet beautiful, with contrasts from wind eroded deserts to emerald hillsides, soft pastures, and valleys with lush vegetation. Access is only by boat; there is no airport on the island. Discovered in 1502 by the Portuguese, St. Helena became a British dependency in 1834.



ARES/RACES

...de Dana Marshall, KD7KPZ,



You can get involved if you have access to the Internet. Check out the ARES/RACES web site at http://piercecounty.danawheels.net and log into the ARES/RACES message board. Use your call sign to register as a member of the message board.

Do you want to get more involved? Simply contact Alan Hughes, KB7SVU at 253-840-4947 and let him know.

73, Dana, KD7KPZ, 360-897-9015
kd7kpz@danawheels.net
Assistant EC, Pierce County ARES
Assistant Radio Officer, Pierce County RACES
<http://piercecounty.danawheels.net>

"A CELEBRATION OF LIFE"

A potluck in memory of



Lou Simmons, KB7WDB.

Sunday afternoon, December 16th
1 - 3 PM
at the clubhouse.

Turkey will be provided. Please bring a potluck dish of your choosing.

Also, please bring a "token" of memory to put into a memory book. It can be a picture, a poem, a story, or your favorite memory of your times together with Lou. I will put the book together later, so you may bring whatever you want "as is" and I will add decorations as I put them into the book. If you want to send me something earlier, you may email Jill Palmer, K7JIL, at Hamtalker2@AOL.com, phone me at 253-539-7772, or mail something to: 3817 169th St. Ct. E. Tacoma Wa 98446.

MUSEUM MUSINGS

With Worth Gurley, W7WG

During the past two months several very positive tngs happened in the Museum and historical area and then sad loss...but with so many happy memories. At a Club meeting drawing I won the right to select from some older ARRL publications. As I was briefly leafing through some old antenna books Jerry handed me "200 Meters and Down" written by Clinton De Soto and published by ARRL in 1936. Both the title and the name of the author had a historic ring, so I took it. Skimming through this interesting book brought back many memories of what Morel, Mac, and I think as the really good old days of Amateur Radio!" That book covered the years typified by several of the older donated receivers and transmitters in our Club museum some of which date back to 1918 (we are sure of) and probably before in the spark or arc transmitter parts. The commercial receiver donated two or three years ago by Jerry from an estate sale was 1918 on the nameplate. Internally it has a very elaborate system of coils, variometers or variable inductances, and selector switches. A detector or amplifier would have to be external and connect to the labeled binding posts. Much other equipment in the museum was referred to in this book; for example, the National HRO and SW-3. In a chapter on the future of amateur radio, the author in 1936 predicted that someday there would be amateur television. (There was no general broadcast TV nor FM in those days) Coincidentally, within a week of my reading the book Mario was demonstrating at the Clubhouse his very small, neat Amateur Television (ATV) system for use in emergency operation and suggestions for installing such a system in the Clubhouse. In this same time frame, around our celebration of the Radio Club's 75th Anniversary, Dick Carlson, WB7RAX, a former longtime member of our Radio Club donated a very well constructed novice transmitter he had built from an article in the Radio Amateurs Handbook in 1973. He had made many contacts with it as a novice, then later, after he built the accompanying VFO had operated as a Technician Plus. Dick had thought it was operational when he brought it to the Museum, but George, Harry, Les, and I could get only minimal output. After hearing of our difficulties Dick came to the Clubhouse with his tools and meters and spent several hours on Saturday on this little rig he knew so well. Finally, he took the rig home to use his own shop with the familiar equipment to troubleshoot it, so that the Museum will have a wonderful example of a home built novice/tech rig of that era. Last week Morel, W6LIX, who continues testing the tubes ("valves") and improving the operation of the Old Oak Rig was tested himself and was given his own new valve in his own heart. At the recent Club meeting I related that it was "porcine" or a pig's valve, so someone spoke up that would make it a "ham" valve! Morel is recuperating well at this time. While writing this Museum Musings for last month's Bark, I suddenly had to spend a couple days in St. Clare Hospital for a bleeding ulcer. The second day, when I felt so much better, Lou and Nora Simmons appeared at my room and we had a wonderful chat, as always. I even brought up helping him learning the code. But Lou said that soon the code requirement will disappear and he would be able to use the great station he had constructed without higher licensed friends present. Only a week or two later Lou was in the hospital, but I never had the chance to repay his visit. The RCT Board voted to dedicate the main floor radio room to Lou. Following is a note that Morel and I composed in conjunction with that:

Lou Simmons, KB7WDB

Walk into the Radio Club of Tacoma Clubhouse and look around. Everywhere you turn there are the results of years of planning and effort by Lou. Assisted by Al, AC7BU, and Pete, KK7QW, he constructed the operating tables and benches and generally reconstructed the main floor operating and display area, the classroom, and kitchen area.

Go upstairs and see the workbenches with equipment shelves for work on projects and repairs at the head of the stairs. Turn around and see the library shelves and new arrangement (which replaced the piles of books and magazines on the former 1st floor). Enter the Museum and the operating benches complete with electrical outlets and grounds, shelves, overhead transmission lines, work benches, and display shelves, full of truly antique amateur equipment, many operational, are Lou's work.

Walk over to the Jerry Seligman Main Operating Room for W7DK and see the shelves on which are the truly old-time radio receivers dating back to 1918, spark/arc transmitter, a display case of telegraph keys and bugs, and more...all constructed and arranged by Lou. Observe the neat arrangement of the 147.28 repeater, packet station, operating table, and file cabinet...and you see Lou.

Look under the eaves from the center area and from the Museum and see the planning and work of Lou, Al, Pete, and others.

Look at the wire antenna systems for the W7OS Doc Spike Memorial Museum and there you see something on which Lou's assistance was crucial.

Look at the present convenient Snack Bar/"Kitchen" and guess what!

For the "Antique Ham Operators" it was an inspiring time when you needed only say, "We think we should have some sort of operating bench or table over there some place..." and suddenly would appear something much better and in a much better arrangement than they ever imagined.

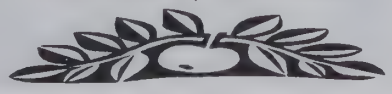
Look through collections of pictures taken on a variety of Club activities from Flea Markets, Antenna Wars at the Beach, Christmas parties over the years and there is Lou, cooking, grilling, and serving.

And beyond all of that, out of sight behind the scenes were the helpfulnesses and kindnesses by Lou and Nora for other club members and friends. There is a sleek, shiny, strong Japanese table, fully functional that would now be only a plastic bag of splintered remains, if it were not for Lou.

We Antique operators truly believe that the Main Floor operating, test grading, small meeting room should be dedicated to the memory of Lou Simmons KB7WDB who dedicated so much energy during his last years to the improvement of the Radio Club of Tacoma.

...and we so move.

Morel W6LIX, Worth W7WG



MEETING MINUTES

Radio Club of Tacoma
Membership Meeting
24 October 2001

The meeting was opened at 7:31 PM. Mick, KK7QS, led the flag salute. Introductions were made around the room. Several visitors were present.

Illness or Silent Key: Dwayne, KB7QZK, SK

Correspondence: Ballots, about 45 Special Event QSLs, newsletters, phone bills, VE bank statement, address corrections, ARRL new Ham list, and ads.

Treasurer's Report: In the BARK. Reminder: Please renew ARRL membership through the club. We need at least 50% ARRL members to remain an ARRL Special Services Club.

Program: A QRP Experience. Presented by Roger, K8RN; Len, W7MCU; Bob, W7JJK; Bill, W7OIV. All are members of the Valley Amateur Radio Club QRP Group.

Committee Reports:

Flea Market has a confirmed ARRL sanctioned date of September 14, 2002, and will be held at the Pierce County Fair Grounds.

Field Day: The LeMay site will be available.

Anniversary Special Event went very well. Much fun was had.

Rich, N7ANF, will chair the Christmas Party. It will be at TACID on West 19th Street on Friday, December 7, 2001, from 6 P.M. to 9 P.M. Setup will be at 5 P.M.

Discussion: If anyone is interested in organizing the Mother's Day Breakfast, please let a Board Member, or Officer know.

Hints and Kinks: The Program presenter's thanked us for our hospitality.

Tuning and Traffic: Mac, W6NBD, told us that WWV broadcasts a Northern Lights report twice a day. It lets you know how traffic can be routed into Alaska.

Good of the Order: If you know of anyone who needs some "Sunshine" let Jill, K7JIL, know.

Drawings: $10 Gift Certificates, won by Chuck, KC7UFR, and Art, KD7QKE. 50/50 drawing for $31 won by George, KK7FM.

49 people signed the attendance roster.
The meeting was adjourned at 9:10 PM
Respectfully submitted,
Ed, KC7OKS, Secretary



ELMER TODAY VOLUNTEER!

SPECIAL SERVICE CLUB — ARRL

TREASURER'S REPO

de Roger, WA7AN

OCTOBER 2001

INCOME
TOTAL: $5390.90
($4652.00 from Flea Mart!)

EXPENSES
TOTAL: $3361.18

NET $2029.72



Radio Club of Tacoma
Board Meeting
7 November 2001

Silent Key: A moment of silence was held in honor
Silent Key, Lou Simmons, KB7WDB.
Morel, W6LIX, read a letter written by Worth, W7WG le
scribing Lou's contributions to the construction proje
the clubhouse. It was a labor of love.
A request was made to the Board to name the down
clubhouse rooms in memory to Lou.

Next Month: Al, K7HW, will compile a list of respon
ties for club members. Organized planning will be di
cussed as well as a planning committee.

New Business:
A bag of QSL cards (over 200) has been received fo
85th anniversary special event operation. Jerry, W7E
volunteered to be W7K special event QSL manager.
A motion was made to send a QSL card to all who re
quest a card whether or not a self addressed stampe
envelope is included. M/S/P.
Jerry announced that the General and Extra classes
full.

A equipment inventory is due December 2.
Tere is a need for a club phone tree.
Ain, KB7SVU, made a request for a cash donation for a ninistrative purposes for ARES/RACES. M/S/P to ge $200.
Jry was appointed as chairperson for 2002 Field Day. A etter will be sent to the LeMay Company to confirm the si. Other sites will also be evaluated.
Des will remain at $30 and $25 for seniors.
Cl **Business:**
$5 was approved to purchase a 10 meter antenna for c bhouse.
A notion made to have theTS-520S transceiver repaired fi use in the W7OS station failed. Al, K7HW, will bring ina TS-520SE..
Te December 26th club meeting was cancelled because c closeness to Christmas.
I Attendance: Mick, KK7QS; Roger, WA7ANJ; Jerry, V7BUN; Morel, W6LIX; Worth, W7WG; Alan, KB7SVU; A., K7HW; Ray, AC7KQ; Frank, AC7JY; Jill, K7JIL.
Respectfully submitted:
El, KC7OKS, Secretary
(d transcribed these minutes but did not take them...)



Fdio Club of Tacoma
General Membership Meeting
1 November 2001
Te meeting was called to order at 7:30 PM with the flag slute led by Mick, KK7QS. Introductions were made around the room.
Iness or Silent Key: Lou, KB7WDB, SK A moment of silnce was observed. Morel, W6LIX, had open-heart surgery, and is in Virginia Mason hospital.
Correspondence: QSL cards, 2 badges, address corrections, newsletters, bank statements, solicitations.
Treasurer's Report: In the Bark. Roger reminded us that 002 dues are due soon.
Program: Pierce County emergency communications and tour of the communications bus. Program presented by: Mark Gray, KD7GJU; Justin Gray, KD7OPN; Paul Jones, KC7IBR; and Tim Lenk, no call.
Committee Reports:
Election Committee counted ballots. Nora, KC7JME, reported results. Elected were: Vice President, Rich, N7ANF; Secretary, Ed, KC7OKS; Board positions, Morel, W7WG; George, KK7FM; and Jill, K7JIL.
Christmas Party will be held December 7th, at the TACID Building on West 19th St. It will be a potluck dinner. There will be door prizes and a grand prize drawing. Rich, N7ANF, also asked about input for having the Mother's Day breakfast again.
President, Mick, KK7QS, reported that *dues* would remain the same for the coming year.
ARES/RACES received a $200 donation from the club, to help with administrative expenses. Alan, KB7SVU, thanked the club and reported on some changes being made in administration and training.
Field Day: Jerry, W7BUN, will be the chairperson.
Meetings: The second meeting in December is cancelled due to closeness to Christmas.
Old Business: Discussion on some equipment. Rich, N7ANF, updated us on the status of the emergency battery power at the clubhouse.
Good of the Order: 1 PM to 3 PM on 16 December a memorial to Lou will be held at the clubhouse. Please get remembrances and other items to Jill, K7JIL, for a memory book to be given to Nora, KC7JME. It will be a potluck.
Drawings: 50/50 for $30 won by Justin Gray, KD7OPN, a visitor. $10 gift certificate won by Chuck, KC7UFR.
38 signed the attendance roster. The meeting was adjourned at 9:10 PM.
Respectively submitted,
Ed, KC7OKS, Secretary



Amateur Radio Exams

in the Puget Sound Region as of October 2001



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Thursday - 7 PM - **Bonney Lake** Library - Contact Roxann Holwege, AB7HO, 253-862-8905, Bonney Lake

2nd Tuesday - 7:00 PM - Radio Club of* Tacoma *Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Bill Thompson, K7OLY, Tumwater, 360-236-9048

2nd Saturday - 10 AM - **Tukwila** - Telephone Wireless Pioneer's Museum, 7000 W. Marginal Way, Contact Mary Lewis, W7QGP, 206-523-9117, Seattle

3rd Monday - 6:30 PM - **Shelton** - Timberland Library, 710 W. Alder St. - Contact Rick Colton, W7SMC, 360-426-1716, Shelton

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 Tobin Street - Contact Jan VanAllen, K7YH, in Kent, at 206-824-9039.

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Bill Thompson, K7OLY, Tumwater, 360-236-9048

4th Saturday - 10 AM - **Everett** - Everett Housing Authority - 14th and Popular - Contact Loren Hole, KK7M, 425-335-5158, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Walt Winters, AA7TL, 360-692-8326, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - 253-845-7652

SUPPORT YOUR CLUB

RADIO CLUB OF TACOMA

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TUESDAY NIGHT NET OCTOBER CHECK-INS

CALL	NUMBER OF CHEK-INS	NAME
K3ROT	1	BYRON
KD6ILO	2	MARIO
W6LIX	1	MOREL
KD7AAG	1	MARK
W7AEA	3	MAX
WA7ANJ	1	ROGER
KK7BI	1	CANDACE
KJ7BN	2	MARILYN
AC7BU	3	AL
K7BUD	2	BUD
W7BUN	2	JERRY
W7DON	2	DON
N7EAY	1	ALLEN
W7EC	3	HAL
KK7FM	1	GEORGE
KA7HJN	1	CHUCK
K7HW	1	AL
KD7IGY	1	WILMA
W7IMW	3	JACK
KA7IOX	2	SCOTT
WA7IVO	1	NICK
K7JIL	3	JILL
KC7JME	4	NORA
AC7JY	3	FRANK
KD7KPY	2	KEITH
KD7KPZ	1	DANA
AC7KQ	1	RAY
NN7L	1	JASON
AC7LK	3	JOHN
WA7OHG	3	WADE
KC7OKS	1	ED
KD7NES	1	GWEN
WA7NOQ	1	JOHN
KC7NPT	1	TODD
KC7PAI	1	KARL
KB7QAG	4	JEFF
N7QHW	3	SHIRLEY
N7QHX	3	TOM
N7QOZ	3	BOB
KK7QS	1	MICK
KK7QW	2	PETE
N7RHV	1	RICH
W7RW	1	ANDY
W7SKI	3	BOB
KB7SVX	3	JEAN
KC7VUM	2	LOU
KB7WDB	2	LOU
W7WG	2	WORTH
AB7WJ	2	BILL
NF7Y	4	SCOTT
KC7ZLH	1	BOB



NET CONTROLS	
OCT 2	KK7QS
OCT 9	KA7IOX
OCT 16	* NO REPORT
OCT 23	AC7BU
OCT 30	W7BUN

Editor's Notes

de Kathleen, NØEYK



GOD BLESS AMERICA!

Blessed Christmas to all! Wish we could be there to join you in the Celebration of Life in honor of Lou. Know that we are with you all in spirit. See you next month.

kathleen@naceplace.com





ON THE WEB www.w7dk.org Come see us!

AREA SWAP MEETS

9 Mar 2002
Mike and Key ARC Puyallup, WA
http://www.mikeandkey.com
Contact: Michael Dinkelman, N7WA
Fone: 425-867-4797 (days) or 253-631-3756 (eves)
Email: mwdink@eskimo.com

6? Apr 2002
Washington State Convention Yakima, WA
http://eagle.ykm.com/~W7aq/hamfest.html
Contact: Jack Wrenn, N7KNO
Fone: 509-249-0897
Email: n7kno@arrl.net

? May 2002
Stanwood-Camano ARC Stanwood, WA
Contact: John McCann, N7MZ
Fone: 360-629-2921
Email: huppert@whidbey.net

? May, 1-2 June SEAPAC 2002

SCHEDULE YOUR SWAPMEET VISIT

Radio Club of Tacoma License Exams
DECEMBER 11, 2001
7 PM RCT Clubhouse
1249 S Washington in Tacoma
Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $10. For information call: Shirley Murphy, N7QHW @ 253-265-3661

DECEMBER CONTESTS



1-3 DECEMBER
Tennessee QSO Party, CW/Phone/Digital
Holiday Spirits Homebrew CW Sprint
TOPS Activity Contest 3.5 MHz, CW

5
Top Band Sprint, 160-meter CW/SSB

7-9
ARRL 160-Meter Contest

15-16
ARRL 10-Meter Contest

21-22
OK DX RTTY Contest
AGB Activity Party, CW/phone

29-30
RAC Winter Contest, CW/Phone
Stew Perry Top Band Distance Challenge, CW
Original QRP Contest, CW

Dec 31-Jan 1
ARRL Straight Key Night



Want more info, check
www.arrl.org/contests

BOOKS ON MARCONI

The Club has received from former "antique operator in training" Ed Root, KC7OKS, and Gwen Root, KD7NES, three nice books about the famous Marconi who developed "Radio" as a means of communication.

Ed and Gwen visited the historic site of Marconi's station on Signal Hill near St. John's Newfoundland from which the first Trans-Atlantic radio signal was received from England December 1901. There they bought the very interesting paper-back books, one of which is a children's book. The titles are "MARCONI'S ATLANTIC LEAP", "MARCONI'S MIRACLE - The Bridging of the Atlantic", and "Marconi's Secret".

They will be in the Museum and you can check them out from Worth, W7WG, or Rich, N7ANF.

◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet.

MAIL DISRUPTIONS LEAD TO VANITY PROCESSING SUSPENSION

Recently announced changes in mail handling procedures at the FCC's Gettysburg, Pennsylvania, office have effectively halted processing of Amateur Radio vanity call sign applications. The FCC has processed vanity applications received through October 14. Vanity applications received after that remain on hold for now.

"We understand that mail directed to the FCC Gettysburg office beginning October 15 was being held pending the start of special handling precautions to address any biohazard contamination concerns," said ARRL VEC Manager Bart Jahnke, W9JJ. He said the FCC is tracking the receipt date for each piece of mail.

Because the FCC gives equal priority to paper and electronic vanity applications, all vanity processing was being suspended until the mail situation is resolved. Citing a need for heightened security measures, the FCC announced November 14 that it had moved the Gettysburg office's mailroom offsite, to the rear entrance of 35 York St, Gettysburg, PA 17325.

The FCC did not announce, however, that mail received at Gettysburg starting October 15 had not yet been opened, pending arrangements to handle it without the possibility of endangering personnel. Jahnke said vanity processing should resume once the FCC begins to open its mail backlog. Just when that might happen is not yet known. Vanity processing typically takes 18 days.

Jahnke said the mailroom situation also could affect some Amateur Radio renewals. He said amateurs who filed for renewal in a timely fashion may continue to operate beyond the expiration, if the mail delays cause the license to lapse before the renewal occurs. He said applications from those filing for renewal near the end of their two-year grace period will be accepted for processing if they get to the FCC before the grace period expires.

"THE BIG PROJECT" SEEKS ADDITIONAL PILOT SCHOOLS

The ARRL Amateur Radio Education Project--"The Big Project"--is seeking additional pilot schools. The Project, the educational initiative of ARRL President Jim Haynie, W5JBP, is aimed at providing a turnkey Amateur Radio curriculum, equipment and resources to schools. It already has pilot schools in Texas and Georgia.

Big Project Coordinator Jerry Hill, KH6HU, says additional pilot schools are needed to help in developing the curriculum and setting up the program on a national scale. "These can be schools that already are using Amateur Radio in their curricula," said Hill, who came aboard as Project Coordinator in September.

Schools selected to participate will help to shape the project's ultimate design, which will include classro materials and resources as well as Amateur Radio equ ment to establish a school station. In addition, teacher currently using Amateur Radio in their classrooms are eligible to apply for progress grants to help them contir their efforts.

Hill said he's hoping to recruit several schools that offer a good demographical and geographical repr sentation of US schools. DeGolyer Elementary School <http://www.degolyer.com/> in Dallas, Texas, and Rich ards Middle School <http://www.mindspring.com/ ~jerichms/> in Lawrenceville, Georgia, already have be designated as pilot schools. The ARRL Education Proj already has supplied DeGolyer with a HF/VHF/UHF transceiver plus antennas and accessories for its K5DE club station. Richards Middle School is working closely with the Gwinnett Amateur Radio Society.

Hill concedes the program's success depends both on funding and the participation of sufficient schoo But the primary focus right now is on the educational a pects.

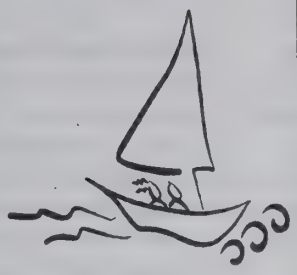
"The goal of the Amateur Radio Education Pro ject is to improve the quality of education by provi ing an educationally sound curriculum focused o wireless communications," Hill said. "The projec emphasizes integration of technology, math, sci ence, geography, writing, speaking and social re sponsibility within a global society." Hill said the pro gram will be as much hands-on as possible. Teacher will be able to use the ARRL Amateur Radio Education Project as a complete classroom curriculum, an enrich ment program or as a before or after-school activity.

In addition to gleaning practical knowledge fron the pilot schools, Hill's own "big project" in the months ahead will be to develop the actual curriculum. He'll be working with a core of at least six teachers--all of whom have been using Amateur Radio in their classrooms for long time--to develop the materials students will use. H also invited the assistance of educational professionals on the college and university level.

Schools interested in applying to become a pilo school should visit the ARRL Amateur Radio Education Project Pilot School Application page, <http://www.arrl. org/FandES/tbp/pilot-school-ap.html>. Teachers now us ing Amateur Radio in the classroom are invited to apply for progress grants to assist them in maintaining their st tions or enhancing their programs. See the ARRL Ama teur Radio Education Project Progress Grant Applicatio page, <http://www.arrl.org/FandES/tbp/progress-grant. html>

Donations large or small from individuals and or ganizations targeted for The ARRL Amateur Radio Edu cation Project are encouraged. Donations in the form of cash or securities may be sent to the ARRL Amateur Ra dio Education Project, c/o ARRL Development Officer Mary Hobart, 225 Main St, Newington, CT 06111. For more information, contact Hobart, mhobart@arrl.org; 86 594-0397, to discuss details.

DAVID CLARK, KB6TAM, OFFICIALLY COMPLETES GLOBAL SAIL



Ham radio's senior sailor David Clark, KB6TAM, this week officially completed his solo round-the-world sail--becoming the oldest person to do so. But Clark does not plan to celebrate his accomplishment until he returns to his starting point in December.

Clark, who's 77, arrived in Great Inagua, the Bahamas, earlier this week, technically completing the circumnavigation that began in Fort Lauderdale, Florida, in December 1999. He had spent much of the Atlantic hurricane season in Trinidad. Clark is due back in Fort Lauderdale on December 7 for a gala celebration. He was scheduled to depart Great Inagua November 15 on his way to Nassau. Earlier in the month, he managed to avoid a confrontation with Hurricane Michelle, which raked Cuba and parts of the Bahamas.

Clark has been using ham radio while under way. He's kept in touch with Eric Mackie, 9Z4CP, whom he got to know in Trinidad. Clark's wife, Lynda, reports that Fred Moore, W3ZU, has been able to patch calls via ham radio to her a couple of times.

Among those greeting Clark when he arrived in St Croix last week was ARRL Virgin Islands Section Manager John Ellis, NP2B. Ellis, who says Clark "gets around like someone who is 37," had dinner with the ham-sailor during his St Croix stopover and introduced him to the amateur community there.

Once in Nassau, Clark plans to again play clarinet for his friend Eloy Roldan at the Poop Deck restaurant until it's time for him to leave for Gun Key or Bimini--a scant 12 hours from Fort Lauderdale.

"It's getting really exciting!!" Lynda Clark enthused in an e-mail dispatch this week.

Clark's sailing companion--his dog Mickey--was lost and Clark himself nearly died after his first sailing vessel, the Mollie Milar, sank last February off South Africa. Clark bought another sailboat that he named Mickey and resumed his quest in April.

For more information on Clark's journey, visit the David Clark Web site, <http://www.dclark.com>.

NORTH KOREA (P5) IS ON THE AIR

North Korea, the DXCC entity that tops everyone's most-wanted list, was activated this month by Ed Giorgadze, 4L4FN, of the Republic of Georgia. The operation has not yet been approved for DXCC credit, however. On the basis of oral permission from North Korean authorities, Giorgadze has been operating as P5/4L4FN since early this month. Bruce Paige, KK5DO, reports that 4L4FN now is awaiting written permission from the North Korean government--something that's required for ARRL DXCC credit. As a result, it's possible the recent contacts will not count for DXCC. Paige is posting P5/4L4FN operating news on his Web site <http://www.amsatnet.com/p5.html> and to other DX news sites.

AMATEUR RADIO SHINES DURING NPR BROADCAST

Amateur Radio was in the national spotlight during the November 13 "Tech Tuesday" segment of National Public Radio's "Public Interest" program. The show originates from WAMU-FM in Washington, DC, and is carried by some three dozen US public radio stations. Two well-known hams were the featured guests of program host Kojo Nnandi--Amateur Radio on the International Space Station Board Chairman Frank Bauer, KA3HDO, and Automatic Position Reporting System guru Bob Bruninga, WB4APR. Both men are involved in technical professions, and both credited Amateur Radio with inspiring their career choices. During the program, Bauer and Bruninga covered a wide swath of common Amateur Radio activities, including digital modes. The lively, informative segment was complemented by a series of callers--most of them also Amateur Radio licensees--who offered additional insights into ham radio or who wanted to share a story. The program segment remains available on the WAMU Web site <http://www.wamu.org>. Click on "Public Interest" in the program directory.

FCC ANNOUNCES MAIL CHANGES FOR GETTYSBURG OFFICE

Effective immediately, the FCC is diverting mail, courier and hand deliveries for its Gettysburg, Pennsylvania, office to rear entrance, 35 York St, Gettysburg, PA 17325. the FCC said the US Postal Service will continue to accept mail addressed to 1270 Fairfield Road, Gettysburg--the building's physical location. The FCC said the changes were necessary to protect the health and safety of its employees.--FCC

OPERATIONS ACCEPTED FOR DXCC CREDIT

Several DX operations have now received approval for DXCC credit. They are: ZK1NJC, North Cook Island; T5X, Somalia; OJ0VR, Market Reef; and HK5QGX/0M, Malpelo Island. Those who previously submitted these entities and were denied credit may contact DXCC <dxcc@arrl.org>; and have their records updated without having to resubmit cards. For more information, contact ARRL DXCC Manager Bill Moore, NC1L, dxcc@arrl.org.

SHARING SPECTRUM WITH OTHER SERVICES A HAM RADIO REALITY

Amateur Radio operators can get mighty territorial when they perceive that some other radio service is intruding upon "their" turf. What many hams often don't understand, however, is that Amateur Radio is a secondary service in the US on several popular bands or subbands. As such, it's subject to interference from primary radio service occupants and, by law, must avoid interfering with them. And, of course, ham bands are not all the same everywhere in the world.

Hams share most of their spectrum--especially the UHF and microwave allocations--with other users, typically the US Government and Fixed and Mobile services. The popular 70-cm band, 420-450 MHz, is a good case in point, says ARRL Field and Regulatory Correspondent Brennan Price, N4QX.

"Amateur use of the 70-cm band is secondary to government radiolocation services in the US, so hams must tolerate interference from the primary service and may not QRM it," Price explained. No operation in the 420-430 MHz band is permitted north of Line A which extends just south of the Canadian border from Maine to Washington state. 50-W output power limitationjs apply to operations near certain US military installations as documented in Section 2.106, US Footnote 7 and mentioned in The ARRL's FCC Rule Book.

Price notes, however, that military use of the band is not confined to these areas, and the band is utilized aboard aircraft. "We occasionally receive inquiries from amateurs who complain of 70-cm disruptions when military planes fly overhead," said Price, who also serves as the ARRL Monitoring System coordinator. "We have every reason to believe that the current spate of widely heard disruptions is due to high-altitude airborne operations by the band's legal, primary occupant--the US Government." The 420-430 MHz segment is allocated on a primary basis worldwide to the Fixed and Mobile (except Aeronautical Mobile) services.

Two meters--144 to 148 MHz--is an exclusive allocation in ITU Region 2, which includes North and South America. US hams who have taken along an H-T while vacationing in Europe or elsewhere in Region 1, however, know that the 2-meter band in that part of the world is 144-146 MHz. In Region 3, hams have exclusive access to 144-146 MHz and share 146-148 MHz on a co-primary basis with Fixed and Mobile Service stations.

Six meters--50 to 54 MHz--is an exclusive ham allocation in Regions 2 and 3, but the band is allocated exclusively for broadcasting in Region 1--although certain countries do allow limited 6-meter operation.

The sharing news is much better on the higher HF bands. The 20, 17, 15, 12 and 10-meter bands are allocated to the Amateur Service on an exclusive basis worldwide--with a few minor exceptions for the high end of 20. On other HF bands, some sharing occurs.

On 30 meters--10.1 to 10.15 MHz--hams are secondary to non-US Fixed Service stations throughout. Amateurs must avoid harmful interference to these stations.

The 40-meter band is currently the focus of an effort supported by the International Amateur Radio Union and ARRL to obtain a 300-kHz worldwide exclusive allocation. Most of the world does not have access to the 300 kHz-wide swath from 7.0 to 7.3 MHz that US hams enjoy. In the rest of the world, the upper two-thirds of 40 is dominated by broadcasters. This issue is on the agenda for the 2003 World Radiocommunication Conference <http://www.arrl.org/announce/regulatory/WRC-03/>. One suggested remedy would shift the allocation downward to create a 300-kHz worldwide band at 6.9 to 7.2 MHz.

The 80/75-meter band--3.5 to 4.0 MHz--is exclusive to the Amateur Service in the US. Elsewhere in Region 2 hams have exclusive status from 3.500 to 3.750 MHz and share the rest of the band with foreign Fixed and Mobile services on a co-primary basis. Amateurs in Regions 1 and 3 share parts of the band with Fixed and Mobile. There is no amateur operation allowed above 3.8 MHz in Region 1, which includes Europe.

The 1.8 to 1.9 MHz segment of 160 meters clusive to US amateurs. Hams in the US are secono on 1.9 to 2.0 MHz to the primary Radiolocation Serv (government and non-government).

A table of US Amateur Radio allocations is able on the ARRL Web site <http://www.arrl.org/Fan field/regulations/USbands.pdf>. The "Considerate O tor's Frequency Guide" details band plans for Amate Radio <http://www.arrl.org/FandES/field/regulations/ conop.html>.

GEORGIA TO HOST 2002 USA ARDF/RADIO-ORIENTEERING CHAMPIONSHIPS

ARRL Amateur Radio Direction Finding (AR Coordinator Joe Moell, K0OV, has announced that t Georgia Orienteering Club will host the second USA ARDF/Radio-Orienteering Championships. The ever take place April 19-21, 2002, at F. D. Roosevelt Stat Park near Pine Mountain.

The USA ARDF/Radio-Orienteering Champi ships are open to all, from beginners to experts from US and elsewhere, and no Amateur Radio license is needed to compete. The 2002 competition will featu meter and 80-meter ARDF events. Participants will c pete in age/gender categories with awards given for second and third-place finishes in each. Awards will presented in two divisions, Overall and USA-Only.

Details, including rules and registration form on the Georgia Orienteering Web site, <http://www. mindspring.com/~sam.smith/gaoc>. Click on the "Ra Champs" link (under Special Events). The GAOC sit cludes information on lodging options.

The next ARDF World Championships in fall will be held in Slovakia, and positions on Team USA that event will be determined by individual performan at Pine Mountain and at the USA Championships in querque that were held this past August (see "The 2 USA ARDF Championships are a Winner!" <http://ww arrl.org/news/features/2001/08/24/1/?>).

For additional information on Amateur Radio rection finding, visit Joe Moell's Homing In Web site, <http://www.homingin.com/>.--Joe Moell, K0OV

MORSE CODE TO BE FEATURED ON UPCOMING X-FILES EPISODE

Rob Ginkowski, WA6CW, of Hollywood, Cali nia, served as a technical adviser to The X-Files star Robert Patrick for an upcoming episode. Patrick's ch ter, John Doggett, was in a hospital bed, paralyzed, a was required to send a Morse code message by tapp his index finger. WA6CW (who also works as an acto taught Patrick how to tap out the message at about 5 WPM. "He was a fast learner," Ginkowski commente word on what the message was, but it might be, "The truth is out there." The episode, entitled "4-D," is sche uled to air Sunday, December 9, on the Fox TV Netw

ARRL TO FCC: NO COMMERCIAL USERS AT 2390-2400 MHz!

The ARRL this week urged the FCC "in the strongest possible terms" to make no commercial allocations in the Amateur Service 2390 to 2400 MHz primary allocation. The League tentatively suggested, however, that hams might be willing to share the band with compatible government services that are displaced to make room for advanced wireless systems.

The ARRL told the FCC that advanced wireless services "are fundamentally incompatible with continued amateur access to the band."

The federal government, on the other hand, "has historically been a compatible sharing partner," the League said, adding that government uses would offer "the least disruptive opportunities for sharing" in the band. The ARRL made clear that such sharing should happen only "if it is absolutely necessary to re-accommodate some displaced users" and would be "subject to compatibility studies."

The ARRL commented this week in four separate proceedings dealing with allocations for advanced and third-generation wireless systems, the mobile satellite service and the Unlicensed Personal Communications Service (U-PCS). The ARRL focused its remarks on ET Docket 00-258, which included 2390-2400 MHz as a candidate band for advanced wireless services.

Commenting on the WIN Forum Petition for Rule Making (RM-9498) that seeks to modify technical rules for Part 15 U-PCS operation at 2390 to 2400 MHz, the ARRL reiterated its position of two years ago. The ARRL said it still opposed a power increase for asynchronous U-PCS devices in the band and said there can be no change in maximum power spectral density. The ARRL called those two provisions "critical to the compatible sharing plan that resulted in ARRL support of the U-PCS authorization" in the band.

The ARRL also asked the FCC to retain the non-government primary Amateur Service allocation at 2390-2400 MHz. The ARRL also noted that amateur allocations in the vicinity of 2 GHz "have been steadily eroded" through encroachment by other services.

FCC CLARIFIES DETAILS OF CORES AMATEUR IMPLEMENTATION

The FCC's Wireless Telecommunications Bureau has clarified several issues regarding Amateur Service implementation of the Commission Registration System--or CORES. Starting December 3, everyone doing business with the FCC--including amateur licensees--must obtain and use a 10-digit FCC Registration Number (FRN) when filing. Many amateurs will not need to take any action to comply with the new requirement, which further expands the number of FCC abbreviations, numbers and systems hams need to be aware of.

Amateur licensees now registered in the Universal Licensing System (ULS) already have been cross-registered in CORES and issued an FRN by mail. The FCC said it planned another cross-registration by November 28. Amateurs can check to see if they have an FRN via a ULS license search. Many Internet call sign servers, including ARRL's, also provide this information.

Once CORES becomes mandatory, the FCC will "auto-register" all amateurs who seek to register in ULS and will issue them an FRN. Amateurs then should use the FRN in place of a Taxpayer Identification Number (TIN--typically an individual's Social Security Number) when filing applications with the FCC. New or upgrade license applicants not previously registered in ULS will be registered automatically in both CORES and ULS when they provide a TIN on a license application filed through a Volunteer Examiner Coordinator.

Both ULS and CORES will contain a licensee's FRN, but updating information in one system will not update the other. For amateurs, CORES registration will replace ULS "TIN/Call Sign" registration. Once CORES becomes mandatory, those registering in ULS will be redirected to CORES registration. The ULS will remain the Amateur Service licensing database within WTB, however, and only ULS will associate an individual with a particular call sign and FRN.

Going away December 3 will be the so-called Assigned Taxpayer Identification Number, or ATIN, which the FCC has been issuing to applicants ineligible to obtain a Social Security Number, such as foreign applicants and club station licensees. CORES will offer exemptions to amateur clubs and to foreign entities not holding a TIN/SSN. The FCC is encouraging club station applicants to first register in CORES and then use their FRN when filing via a Club Station Call Sign Administrator. Club station applicants also may use a trustee's TIN/SSN or a tax-exempt club's IRS-assigned EIN.

The WTB says that starting December 3, "all passwords will be maintained in the CORES database." Amateurs using paper FCC Form 160 to register in CORES will be mailed a CORES password for on-line access.

The FCC continues to work out the details of how amateurs, CORES and ULS will coexist. Amateur Service testing with CORES is planned for November. For more information about CORES, visit the FCC Web site <http://www.fcc.gov/> and click on the "Commission Registration System" link.

FCC PUTS KENWOOD "SKY COMMAND" PETITION ON PUBLIC NOTICE

The FCC has put on public notice a rulemaking petition from Kenwood Communications Corporation requesting that the FCC relax restrictions on Amateur Radio auxiliary station operation. The FCC assigned the rulemaking number RM-10313 to the petition and invited public comment. The petition marks Kenwood's latest attempt to legalize its "Sky Command" remote station control system.

Kenwood seeks a change in Part 97 rules that would expand permission to operate an auxiliary station on all 2-meter frequencies above 144.5 MHz, except on 145.8 to 146.0 MHz. While not mentioning Sky Command by name, Kenwood said the proposed rule change "would allow the development and use by amateurs of new technology devices and increase the utility of the limited amateur allocations." Current FCC rules limit auxiliary opera-

tion to certain frequencies above 222.15 MHz.

In July 2000, the FCC declared that use of the Sky Command did not comply with Amateur Service rules--specifically Section 97.201(b)--and declined to grant a waiver make it legal. The ARRL commented in opposition to Kenwood's earlier efforts to have the system declared to be in compliance, and it refused to permit Sky Command advertisements in QST <http://www.arrl.org/news/stories/2000/07/28/3/>.

Sky Command lets a user control a fixed HF station via a pair of dual-band transceivers. It operates in full duplex, using frequencies on 70-cm and 2 meters.

In its latest Petition for Rule Making filed May 1, Kenwood asserted that auxiliary operation is "poorly defined" in the FCC rules and "significantly overregulated." Kenwood argued that present limitations on auxiliary operation no longer are appropriate in today's amateur environment and should be withdrawn.

Amateurs may view and comment on the Kenwood proposal via the FCC's Electronic Comment Filing System (ECFS), <http://www.fcc.gov/e-file/ecfs.html>.

ARRL MEMBERSHIP

If you haven't joined or rejoined the ARRL, please do so through the Radio Club of Tacoma! The ARRL is the major voice for Amateur Radio in the US and, besides providing a wealth of information to its members, they provide us with a voice in Washington to help protect the interests of all amateurs. Additionally, RCT is an ARRL Special Service Club and RCT needs to have at least 51% of its members belong to the ARRL to retain its Special Service Club status. See the Treasurer for application forms, and bring your ARRL renewal notices and rejoin through the club. The club receives a commission for each new or renewed membership sent through the club.

JOIN TODAY!

See our club treasurer for details.

SPECIAL SERVICE CLUB

QST QST QS

From the W7DK Club Station

HF Net every SUNDAY 28.375 MHz USB 2000 Hrs. Local

Greetings and Happy Holidays to all. First off my column this month I need to apologize for not havi any thing in the November issue of the Bark. I am not sure who received the e-mail containing my input for t club paper but I do know that it wasn't Kathleen, our e tor!! Something must have taken a wrong turn and crashed in the information super highway. So lets tak bit and catch upon some old news.

The club station was well manned for our 85t anniversary Special Event. We had several operators visit and use the club station that had never before op ated on HF. It was my pleasure to help and act as the control operator as they keyed the mic and nervously called "CQ CQ this is W7K "!! After a few contacts we completed and QSL information was given I could tell that they were hooked on a new and exciting aspect o ham radio. Bud, K7BUD, was the club's ambassador o good will and information. He operated for several hou spreading the word to the world about the club and its history. Wade, WA7OHG, and John, AC7LK, pulled th late night shift and allowed me to get some much needed shut eye. Wade spent hours pounding brass o 40 meters CW, and found that QRO is a lot of fun! Of course, in Radio Club of Tacoma tradition, we had sor great food to keep us all going. My thanks to Rich, N7ANF, for keeping the coffee hot and bringing donut as well as cooking hot dogs for lunch. Gwen, KD7NES and Ed, KC7OKS, provided us with the best clam cho der that I have ever eaten! Chuck, KC7UFR, had a pla of fresh home smoked salmon, and Jill, K7JIL, made sure we all had lots of her own home-brew hot cocoa. am ready to do it again just for the chow!!

Now that we all had a great weekend of "contesting", I would be interested in hearing from you about operating the club station during some of the co tests this winter. If there is interest in doing some of these events, please contact me (well in advance) so can get it organized. It was really great to see the facili ties being used and enjoyed.

As I write this, the club has purchased a new vertical 10-meter antenna, which is in transit. We hope have it installed and operational by the first of the year This antenna should help us have a better and more omni directional signal during our Sunday 10 meter ne My thanks to Frank, AC7JY, for all his efforts in presen ing the proposal to the board and following through wit the purchases. Last but not least, please take some tin and join in on the 10 meter net each Sunday evening a 8:00PM local time on a frequency of 28.375MHz

73 to everyone and have a great holiday!

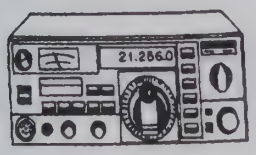
Lynn Neece, KB6OKS, Station Manager for W7DK (253) 853-5973 KB6OKS@JUNO.COM

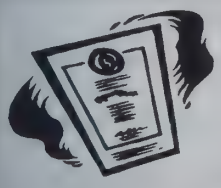
10 METER NET

CHECK-INS

AC7BU	AL	(4)
W7GFC	GEORGE	(4)
KC7UFR	CHUCK	(4)
WA7GHE	ERIC	(4)
K7JIL	JILL	(3)
AC7JY	FRANK	(3)
W6LIX	MORAL	(3)
AC7LK	JOHN	(3)
KD7AAG	MARK	(2)
K7DBU	JACK	(2)
AC7KQ	RAY	(2)
W7WG	WORTH	(2)
N7ANF	RICH	(1)
KJ7BN	MARILYN	(1)
N7BUW	BOB	(1)
W7DON	DON	(1)
KK7FM	GEORGE	(1)
KD7IBU	BOB	(1)
W6JYV	HAROLD	(1)
W7KSJ	GEORGE	(1)
KJ7KT	BILL	(1)
KC7NES	GWEN	(1)
KC7OKS	ED	(1)
N8PSJ	PETE	(1)
N7QHC	BILL	(1)
K7SAA	ED	(1)
KB7SCO	BUTCH	(1)
KB7SVX	JEAN	(1)
KC7ZWM	JESSICA	(1)

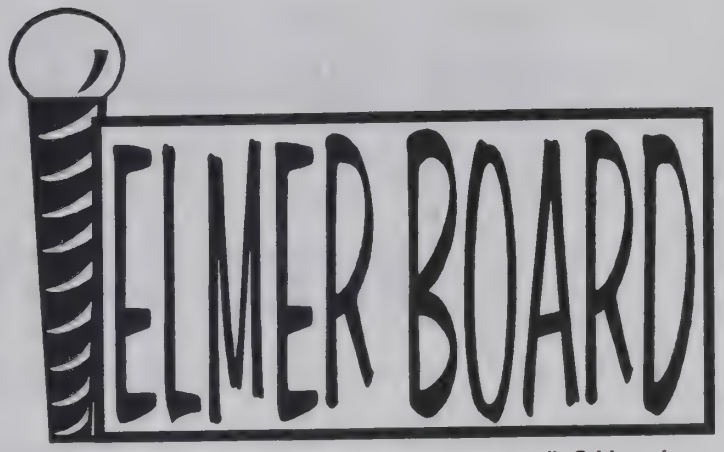
OCTOBER





FIRST CONTACT AWARD

Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First Contact Award will be issued.



Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members area their areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment

Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Frank, AB7YZ	253-752-8520	2,3
Roger, WA7ANJ	253-475-4293	1,2,3,4,7,8,11

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the board!

(Ed. Note – We need more volunteers on the elmer board. Please add your name to the list!)

▶▶▶ ADDRESS CHANGES ◀◀◀

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail.

Send changes to : Radio Club of Tacoma PO Box 11188 Tacoma, WA 98411-0188 or give them to Scott Clausen, KD7KQA, at meetings, telephone @ 253-925-8637 or email shebang@qwest.net

If you are simply changing from your summer to winter address or vice versa you can notify Shirley Murphy, N7QHW, @ 253-265-3661 or email sundance@harbornet.com or Scott as indicated above.

HELP FOR THOSE DIFFICULT LICENSE EXAMS

FREE UPGRADE CLASSES

FOR THE

GENERAL

AMATEUR RADIO LICENSE

Class Starts - January

Classes - 7:00 to 9:30 PM

12306 80th Ave. East, Puyallup

(South Hill)

Sponsored by:

The Radio Club of Tacoma

To Register, Call:

Jerry Seligman, W7BUN - 253-845-7652

RADIO CLUB OF TACOMA
PO BOX 11188
TACOMA, WA 98411-0188

[ ] NEW MEMBER (ONE APPLICATION PER MEMBER)

[ ] RENEWAL (ONE RENEWAL FORM PER FAMILY OK)

MEMBER CATEGORY: [ ] FULL [ ] SENIOR [ ] ASSOCIATE [ ] FAMILY [ ] LIFE [ ] STUDENT [ ] REINSTATEMENT

Name_____ Call_____ Class_____ Birthday_____

Address_____ City/State_____

Zip4_____ Home Phone(____)_____ Work Phone(____)_____

e-mail _____ Publish phone number/e-mail in the Club Roster? Yes [ ] No [ ]

Former Call(s)_____

Are you a Volunteer Examiner Yes [ ] No [ ] If Yes, which VEC_____

Occupation (or former occupation)_____ Employer_____

Are you a member of: ARRL [ ] ARES/RACES [ ] MARS [ ]

FAMILY MEMBERS NAME, CALL, AND LICENSE CLASS (RENEWALS ONLY)

_____

_____

_____

THE RADIO CLUB PARTICIPATES AND SUPPORTS THE FOLLOWING ACTIVITIES EACH YEAR. PLEASE MARK THE BOX IN FRONT OF THE ACTIVITY OR ACTIVITIES THAT YOU WILL HELP SUPPORT. WE URGENTLY NEED YOUR HELP AND SUPPORT, PLEASE CONSIDER AT LEAST ONE ACTIVITY THAT WE CAN COUNT ON YOU TO SUPPORT.

[ ] AWARDS BANQUET
[ ] FIELD DAY
[ ] RCT FLEA MARKET
[ ] BOOTH AT THE WWA FAIR
[ ] SWEEPSTAKES IN NOVEMBER
[ ] VE TEAM
[ ] LOGGER'S BARK MAILING PARTIES
[ ] TEACHING CLASSES
[ ] SCOUTS JAMBOREE IN OCTOBER
[ ] BEING AN ELMER
[ ] ARES/RACES
[ ] N KITSAP FLEA MARKET
[ ] OTHER MISC CONTESTS
[ ] MIKE & KEY FLEA MKT
[ ] RCT MUSEUM

Other hobbies, expectations, comment:_____

Do you own a computer? Yes [ ] No [ ] If so, what type?_____

How did you hear about the Radio club?_____

Seven dollars ($7.00) of your annual dues is the subscription fee for the Club's monthly newsletter(The Logger's Bark).

Club badges are available for $9.00. If you would like a badge, please PRINT the following:

Badge Name_____ Badge Call Sign_____

Applicant's Signature_____ Date_____

ANNUAL MEMBERSHIP DUES: FULL OR ASSOCIATE MEMBER $30
FAMILY MEMBER (AT SAME ADDRESS, FIRST TWO) $15 EACH (ALL ABOVE 2 ARE FREE)
SENIOR MEMBER (65 AND OVER) $25 FULL-TIME STUDENT (UP TO AGE 25) $15
LIFE MEMBERSHIP = 20 TIMES ANNUAL DUES (PAYMENT PLAN AVAILABLE)

FOR RCT USE ONLY

Dues received $_____ Treasurer's initials_____ Date_____

Badge fee rcvd $_____ Treasurer's initials_____ Date_____

Receipt Number_____ Radio of Tacoma Membership Number_____

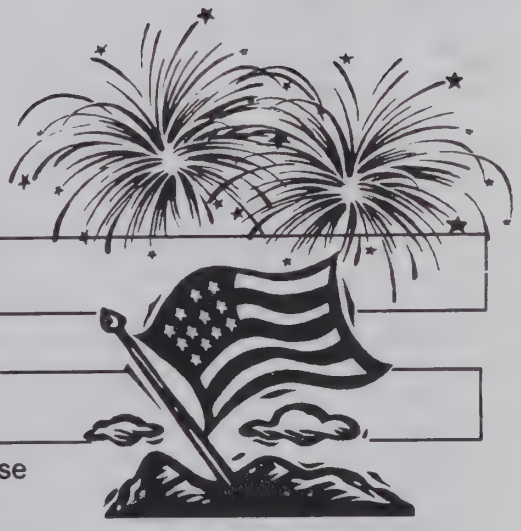
JAN
2002

TIE LOGGER'S BARK
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Tacoma, WA 98411

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RETURN SERVICE REQUESTED

COMING EVENTS



JAN 2 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

JAN 5 - **Pinochle Potluck** - 7 PM, Clubhouse

JAN 8 - License Exams - 7 PM - Clubhouse

JAN 9 - Club Meeting - Library Administration Center, 7:30 PM
Program: **INTERNET LINKING RADIO PROJECT (ILRP)**

JAN 15 - BARK deadline

JAN 23 - Club Meeting - Library Administration Center, 7:30 PM
Program: **HOMEMADE ANTENNAS FOR HF AND VHF**

LAST SATURDAY - **JAN 26 - Swap and Shop** - 10 AM to 2 PM, Clubhouse

FEB 2 - **Pinochle Potluck** - 7 PM, Clubhouse

- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- ***Check in on the 10 Meter Net every Sunday evening, 8 PM, on 28.375 MHz USB***
- **See page 3 for meeting program schedule.** Check the weekly net for updates to the program schedule.

NEW YEAR'S BLESSINGS!

W7DK

January 2002

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 DEANNA JENKS N7WHC * 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	2 DAN HALE KC7IEI * 7:30 PM RCT BOARD MTG	3	4	5 9:00 OPEN HOUSE 7:00 PM PINOCHLE POTLUCK
6 GARY MARTEK W7DO * JEFFERY CARTER KD7LZV *	7	8 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	9 DONALD SEVEREID, K7LMN	10	11	12 JOHN MARTENS K7JWM * 9:00 OPEN HOUSE
13	14 EDWIN BRADEK KA7HZH * CHARLES CALEY WB7WOU*	15 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	16	17 WILLARD STRENGE WA9RMK * MARVIN WHEELER KG7V *	18	19 9:00 OPEN HOUSE
20	21 Martin Luther King Jr. Day	22 PETER DAVID KK7QW * LOUIS IVERSON JR W7ENR * 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	23 ARTHUR ALLEN KD7KQE * ROBERT COOK AB7TW * BILL STEPHENS KD7KPV * JEAN WHEELER WA7OII *	24	25 DONALD OLSON W7DON *	26 SWAP AND SHOP 10 AM to 2 PM CLUBHOUSE 9:00 OPEN HOUSE
27	28 ROBERT HAGAR W7SKI	29 KIRK SCHOLL KC7UFY * 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	30 CHARLES STILLMAN N7EEL *	31 LES DARLING W7QCI *		

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXIX NR. 1 | W7DK | JANUARY 2002

FROM THE PRESIDENT

Mick, KK7QS

As we look forward to the New Year, I would like to take a moment to look back and thank all those that did so much to help the Radio Club in 2001. There are so many members helping behind the scenes to keep things running smoothly. We have Kathleen Nace, NØEYK, who does a wonderful job creating our Logger's BARK each month. Shirley Murphy, N7QHW, devotes a lot of her time to organize the mailings. Shirley also does a wonderful job with our VE Team, providing everyone a chance to test to get a license or upgrade an existing one. Jerry Seligman, W7BUN, devotes a lot of time providing training to would-be hams and to hams wishing to upgrade so they can get that first license or upgrade their license class. Jerry also spends a lot of time putting together interesting programs for our club meetings. Mike Crawford, WB7DFQ, and Al Burleson, K7HW, are other members that work hard behind the scenes to keep our club repeaters operating at their full potential. And without Alan Hughes, KB7SVU, we would have a tough time keeping our antennas in the air! Alan does a lot of tower work for the club. Believe me, that is not an easy job. I've been up there with him. Bob Crouch, KG7SM, maintains our club web site at www.w7dk.org. You should check it out. Bob does a very good job keeping it up to date. If you have any ideas, you can e-mail Bob directly from the site. We also have Bud Mitze, K7BUD, to thank for putting together our annual W7DK at the Beach picnic; Jerry, W7BUN, for Field day; Roger, WA7ANJ, for our Flea Market. I would also like to thank everyone for helping me with our special event station. There are so many more - Frank (AC7JY) and Jill (K7JIL) Palmer, Scott Clausen, NF7Y, Nora Simmons, KC7JME, Rich Manson, N7ANF, Ray Winter, AC7KQ - just to name a few. The list goes on and on. Thank you all so much. This year the coveted Doc. Spike Inspirational Award went to Morel Guyot, W6LIX. Congratulations and thanks for all your hard work!

As we put 2001 behind us and look to 2002, we plan to set more goals for the club. It is important to have defined goals to work toward. One of which should include a membership drive. We plan to present a 12-month flow chart listing our goals. It will contain listings of all our scheduled events and give us a clear view to schedule new ones. We are also in the process of creating a long-range plan. In the immediate future, we have to replace our club's antenna rotor. We are also planning to erect a second tower at the clubhouse. We plan to put up around 30 ft. or so of Rohn 25 at the north end of the garage. We will be able to accommodate several more antennas, including our new 10-meter vertical. Construction should begin soon. As things begin to come together, I hope to be able to get the board meeting agenda to the members in advance. Maybe it could be announced on the net and posted on the board at the second meeting of the month. Remember that board meetings are open to all club members, which gives you all an opportunity to present your ideas. I look forward to a fun and productive year. Let's all get involved. After all, we became hams to have fun. So let's have fun.

73 de Mick, KK7QS

IN THIS ISSUE...

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- ▶ **ARRL NEWS** - Page 10
- ▶ **STATION MANAGER REPORT** - Page 9
- ▶ **MUSEUM MUSINGS** - Page 4
- ▶ **CONTESTS** - Page 9

RADIO CLUB OF TACOMA -- 1999

PRESIDENT	MICK PIER	KK7QS	847-8223
V PRESIDENT	MOREL GUYOT	W6LIX	838-5433
SECRETARY	ED ROOT	KC7OKS	851-7463
TREASURER	ROGER TERWILLIGER	WA7ANJ	475-4293
BOARD (5)	AL BURLESON	K7HW	474-9023
	WORTH GURLEY	W7WG	582-3844
	RICH MANSON	N7ANF	474-8883
	GEORGE NOBLE	KK7FM	756-1127
	FRANK PALMER	AC7JY	539-1685
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	ROGER NACE	K8RN	209-5624
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	JERRY SELIGMAN	W7BUN	845-7652
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PUBLISHER	W7DK PRESS	N7QHW	265-3661

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CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 253-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350 #14060, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

SUNSHINE & CONGRATS

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please contact Jill Palmer, K7JIL, (253)539-1685 or e-mail, hamtalker2@aol.com

W7DK/Radio Club of Tacoma

147.28 / .88 MHz **144.97 - Packet**
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Roland Svensson, KD7MAA RCT 2108
4051 232 nd Ave S.E.
Sammamish, WA 98075 425-391-5088
Email: frs_roland@msn.com

Todd E. Kelley, KD7NPT RCT 2109
16512 92nd Ave Ct E
Puyallup, WA 98375-9685 253-845-9510
Email: tkelley@worldstarusa.com

Cathy Erickson, KD7OPK RCT 2110
1116 So. 70th St
Tacoma, WA 98408 253-473-7409
Email: acerick@msn.com

Al Erickson, KD7OPJ RCT 2111
1116 So. 70th St
Tacoma, WA 98408 253-473-7409
Email: acerick@msn.com

Reinstatements

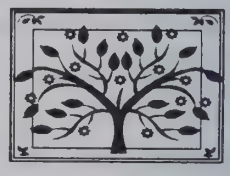
Dennis F. Level, KC7VUL RCT 1967
9101 166th St. E.
Puyallup, WA 98375-6228 253-770-2720
Email: denco@aol.cm

Address/Phone Changes/Corrections

E-Mail Address Changes/Additions
New Calls/Upgrades

Scott Clausen, **NF7Y** shebang@qwest.net
Nora Simmons, KC7JME kc7jme7@juno.com

Silent Keys



PINOCHLE



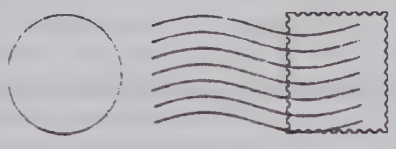
PINOCHLE & POTLUCK
Saturday, Jan. 5th, 7 PM
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898
Next gathering - Feb. 2nd, 7 PM

COMING PROGRAMS AT RCT

JANUARY 9TH, 2002 -- INTERNET LINKING RADIO PROJECT (ILRP)
With ILRP, a local repeater can be connected to the Internet and then be transferred to a repeater in another city anywhere in the world. Marty Johnson, KC7ZWG, will explain how the technique works, and invite all local hams to try it out on his Tacoma 444.000 MHz (127.3 PL) repeater. Now we can all work DX with a UHF mobile radio or handi-talki.

JANUARY 23RD, 2002 -- HOMEMADE ANTENNAS FOR HF AND VHF
Hal Stahlhut, W7EC, will talk about a simple homemade HF antenna, known as the Extended Lazy-H. This 6-band (40-6 meters) antenna has a substantial amount of gain over a dipole. Hal will discuss his motorized mobile HF antenna, which is much less costly to build than the screwdriver antennas being sold commercially. Then for VHF operators, he will show his homemade 2-meter J-Pole antenna, which performs as well or better than most standard commercial vertical antennas.

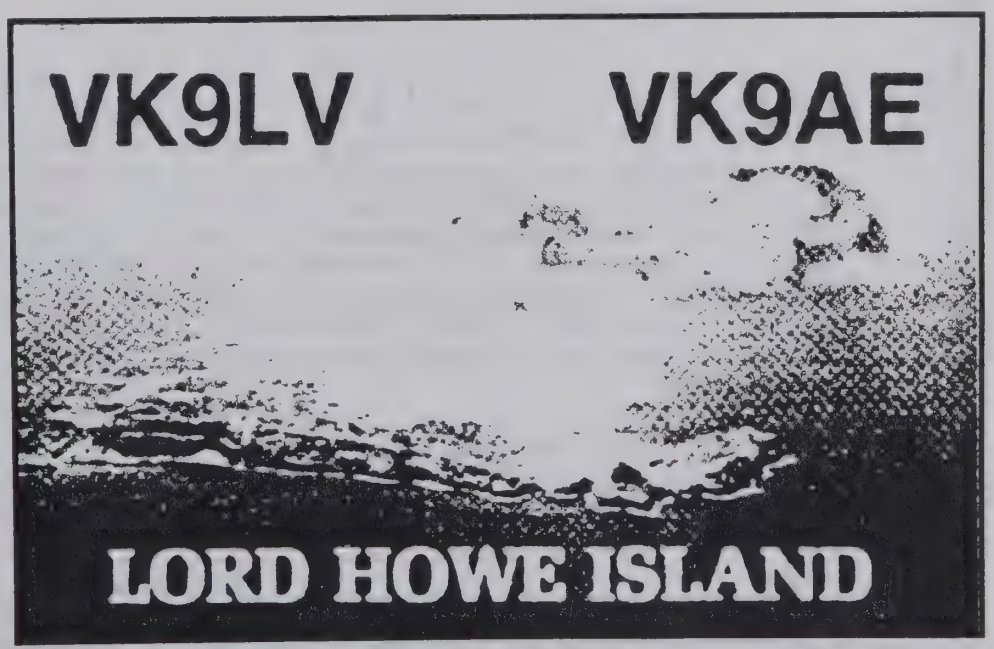
NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW TO CONTINUE RECEIVING YOUR BARK



...and the QSL CARD for this month is...

LORD HOWE ISLAND

Lord Howe Island is a volcanic island located in the South Pacific Ocean, 700 km north east of Sydney, Australia. 75% of the island is a national park, a Natural World Heritage Site. The island measures 10-km north and south and 2-km wide, and is crescent shaped. The population is approximately 300 with usually three to four hundred tourists present enjoying the sub-tropical weather and the beauty and the unique flora and fauna.



MUSEUM MUSINGS

With Worth Gurley, W7WG

On Sunday December 16, 2001 the Celebration of Life Memorial Potluck for Lou Simmons, KB7WDB, was enjoyed by many members and their families at the Clubhouse. The main floor operating and grading room was dedicated to Lou in recognition of his tremendous work, assisted greatly by Al Churchill AC7BU and Pete David KK7QW. They remodeled not only the first floor, but, especially, the upstairs Museum and Library-Work Shop plus shelving, display cabinet, and general organization of the W7DK main operating room. Now the **Lou Simmons Room joins the Bill Shimmin Classroom, the Doc Spike W7OS Memorial Museum, and the Jerry Seligman W7DK Operating Room.**

Reading the January 2002 QST articles about older amateur radio equipment brought our Museum to mind and then brought up antique memories. On pages 43 and 44 the article describes the regenerative receiver circuit which Morel, Mac, others of our vintage, and I used as our first receivers. While we never used the term "autodyne," the diagram of the regenerative receiver from the Jan. 1933 QST is exactly the same as my second receiver. My first receiver was similar but without an r.f. amplifier. The diagram is essentially the same as our Museum's National SW-3, which was the receiver the wealthier hams of the time could buy already manufactured. Most of us built our own equipment, but, as you can see, life of the ham was much simpler then. Actually, our first two family radios in beautiful wooden cabinets i our living room during early 1930s had t.r.f. circuits a bi like those in the article, not the superheterodyne circuits all home radios had later. This article gives an excellen summary of the history of radio including mentioning th famous Edwin Armstrong who invented the regenerativ detector, the superheterodyne, and frequency modulation. We have a tape telling about his inventions, trials, and tribulations, which we showed in a Club meeting a few years ago. Get Rich N7ANF to tell you about the Armstrong circuit shown in the article and the Colpitts c cuit that we once were required to know on tests. He combines the two into the "Armpitts" circuit.

This issue of QST features digital voice: The Ne New Mode? In the mid-1930's the new mode was FM, which was known, but not used, by amateur or broadca stations. Then in the middle of WW II the MIT Radiation Lab, which originated most of the newer radar circuits o that time, sent down to the our GE lab a breadboard model of a pulse frequency modulation transmitter and separate receiver to develop, if possible. It transmitted and received low power pulses similar to the standard high power radars of the time, but it frequency modulate the repetition rate, centered at 15,000 cycles per secon in accordance with voice audio. It operated on 3000 Megacycles/second or 10 cm wavelength using tuned cavities with GL446 lighthouse tubes. Both antennas were scrounged radiant electric heater reflectors. As a younger, more expendable, fiddle-prone member of the department I was assigned to see what could be done with it. After making a few minor circuit improvements w made a very successful one-way contact across Long Is land Sound. Right after that I was assigned to making sure chassis holes would line up and fit 6-32 screws du ing production and then shipped off to radar field servic in Brooklyn. I never heard of PFM again. .

ARRL MEMBERSHIP

If you haven't joined or rejoined the ARRL, please do so through the Radio Club of Tacoma! The ARRL is the major voice for Amateur Radio in the US and, besides providing a wealth of information to its members, they provide us with a voice in Washington to help protect the interests of all amateurs. Additionally, RCT is an ARRL Special Service Club and RCT needs to have at least 51% of its members belong to the ARRL to retain its Special Service Club status. See the Treasurer for application forms, and bring your ARRL renewal notices and rejoin through the club. The club receives a commission for each new or renewed membership sent through the club.

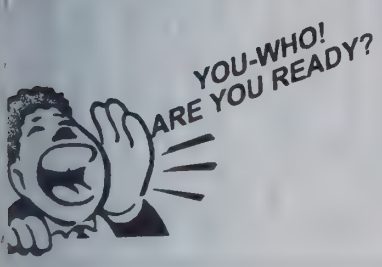
JOIN TODAY!

See our club treasurer or membership person for details.

SPECIAL SERVICE CLUB

ARES/RACES

...de Dana Marshall, KD7KPZ,



You can get involved if you have access to the internet. Check out the ARES/RACES web site at http://piercecounty.danawheels.net and log into the ARES/RACES message board. Use your call sign to register as a member of the message board.

Do you want to get more involved? Simply contact Alan Hughes, KB7SVU at 253-840-4947 and let him know.

73, Dana, KD7KPZ, 360-897-9015
kd7kpz@danawheels.net
Assistant EC, Pierce County ARES
Assistant Radio Officer, Pierce County RACES
<http://piercecounty.danawheels.net>

Thank You!

It is wonderful to have such nice friends as the members of the Radio Club Of Tacoma. I really appreciate all the cards and offers of help. The Celebration Of Life on the 16th of December was greatly appreciated. The plaque and naming the room after Lou, KB7WDB, was an honor that my family and I appreciated. We wish to thank all the members of The Radio Club Of Tacoma.
Thanks for everything.
Nora, KC7JME

AREA SWAP MEETS

9 Mar 2002
Mike and Key ARC Puyallup, WA
http://www.mikeandkey.com
Contact: Michael Dinkelman, N7WA
Phone: 425-867-4797 (days) or 253-631-3756 (eves)
Email: mwdink@eskimo.com

6-7 Apr 2002
Washington State Convention Yakima, WA
http://eagle.ykm.com/~W7aq/hamfest.html
Contact: Jack Wrenn, N7KNO
Phone: 509-249-0897
Email: n7kno@arrl.net

11 May 2002
Stanwood-Camano ARC Stanwood, WA
Contact: John McCann, N7MZ
Phone: 360-629-2921
Email: huppert@whidbey.net

31 May, 1-2 June SEAPAC 2002

Radio Club of Tacoma License Exams
JANUARY 8, 2002
7 PM RCT Clubhouse
1249 S Washington in Tacoma
Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $10. For information call: Shirley Murphy, N7QHW @ 253-265-3661

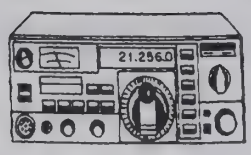
SCHEDULE YOUR SWAPMEET VISIT

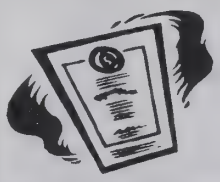
10 METER NET

CHECK-INS

K7DBU	4	Jack
W7GFC	4	George
WA7GHE	4	Eric
K7JIL	4	Jill
AC7JY	4	Frank
KD7AAG	3	Mark
N7ANF	3	Rich
AC7BU	3	Al
AC7LK	3	John
N8PSJ	3	Pete
KJ7BN	2	Marilyn
W7DON	2	Don
W7EC	2	Hal
KK7QW	2	Pete
K3ROT	2	Byron
W7SKI	2	Bob
KC7UFR	2	Chuck
KD6FEA	1	Richard
KL7FRQ	1	Chuck
W7IVO	1	Nick
AC7KQ	1	Ray
KB7NKS	1	Dave
N7QHC	1	Dan
KB7SCO	1	Mike
W7WG	1	Worth
KC7ZWM	1	Jessica

NOVEMBER





FIRST CONTACT AWARD

Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First Contact Award will be issued.



ELMER BOARD

Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support followed by a list of members area their areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment

Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Frank, AB7YZ	253-752-8520	2,3
Roger, WA7ANJ	253-475-4293	1,2,3,4,7,8,11

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the board!

(Ed. Note – We need more volunteers on the elmer board. Please add your name to the list!)

▶▶▶ ADDRESS CHANGES ◀◀◀

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail.

Send changes to : Radio Club of Tacoma PO Box 11188 Tacoma, WA 98411-0188 or give them to Scott Clausen, NF7Y, at meetings, telephone @ 253-925-8637 or email shebang@qwest.net

If you are simply changing from your summer to winter address or vice versa you can notify Shirley Murphy, N7QHW, @ 253-265-3661 or email sundance@harbornet.com or Scott as indicated above.

MEETING MINUTES

adio Club of Tacoma
lembership Meeting
8 November 2001

The meeting was called to order at 7:32 PM with he flag salute led by Mick, KK7QS. Introductions were ade around the room.

Health and Welfare: Morel, W6LIX, is doing ell. Contact Worth, W7WG, for his address and phone umber.

Correspondence: QSLs, newsletters, address orrections, advertisements, insurance statement, license abs, bank statements, and phone bills.

Treasurer's Report: It's printed in the Bark. Reminder that ***membership renewal is due***, and to also renew your ARRL membership through the club. Just bring n your renewal form and check made out to RCT.

Announcements about coming programs from erry, W7BUN. The program for December 12th, will be a ideo on the Heard Island DXpedition. January 9th, 2002, meeting will be about IRLP, which is Internet Radio Linking Project. You will be able to talk to different parts of he world with VHF/UHF radios using this method. Jerry, N7BUN, is signing up students for a General class and an Amateur Extra class starting in January.

Program: Working meteor scatter propagation, presented by Jim, K7ND. Equipment needs, working conditions, and aurora contacts were all discussed, with a question and answer period following.

Announcements: The Memorial potluck for Lou, KB7WDB, will be from noon to 4 PM at the clubhouse on Sunday, December 16th, 2001. Get any written remembrances of Lou to Jill, K7JIL, to be included in the "memory book" to be given to Nora, KC7JME. The club's Christmas dinner and potluck will be held at the TACID building on West 19th St. on Friday, December 7th. Bring the family. There will be door prizes and fun for all. Set-up will begin at 5 PM and dinner will be from 6 PM to 9 PM. Contact Rich, N7ANF, for information. Jerry announced that he will be ordering books from the ARRL this week. Mick announced that the rotor on the club beam is broken. The rotor will have to be rebuilt. Jerry reminded us of the 10-meter contest to be held on December 15th and 16th. He invited people who were interested over to his house to operate.

Hints and Kinks: Rich demonstrated a power panel using a make believe repeater with batteries, etc. The real panel will automatically switch to battery power if there is a power outage. A similar panel is already installed on the 2-meter repeater, and the one that was shown is for the 70-centimeter repeater.



26 people signed the attendance roster.
The meeting was adjourned at 8:37 PM.
Respectfully submitted,
Ed Root, KC7OKS, Secretary

TREASURER'S REPORT

de Roger, WA7ANJ

NOVEMBER 2001

INCOME

ARRL	$34.00
BADGES	$27.00
BOOKS	$75.00
DUES	$605.00
FLD DAY	$20.78
TOTAL:	$761.78

EXPENSES

ARRL:	$32.00
HOUSE:	$158.85
CLASS:	$19.19
EVENTS:	$40.00
FEES:	$37.00
INSUR:	$701.00
OFFICE:	$13.00
POSTAGE:	$4.79
TELLY:	$63.70
UTILS:	$318.12
MISC:	$183.04
TOTAL:	$1570.69

NET ***- $808.91***
NOVEMBER 2001 (LOSS)



ELMER TODAY VOLUNTEER!

SPECIAL SERVICE CLUB

Amateur Radio Exams

in the Puget Sound Region as of October 2001



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Thursday - 7 PM - **Bonney Lake** Library - Contact Roxann Holwege, AB7HO, 253-862-8905, Bonney Lake

2nd Tuesday - 7:00 PM - Radio Club of* Tacoma *Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

2nd Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Bill Thompson, K7OLY, Tumwater, 360-236-9048

2nd Saturday - 10 AM - **Tukwila** - Telephone Wireless Pioneer's Museum, 7000 W. Marginal Way, Contact Mary Lewis, W7QGP, 206-523-9117, Seattle

3rd Monday - 6:30 PM - **Shelton** - Timberland Library, 710 W. Alder St. - Contact Rick Colton, W7SMC, 360-426-1716, Shelton

3rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 Tobin Street - Contact Jan VanAllen, K7YH, in Kent, at 206-824-9039.

3rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - **Ft. Lewis** Radio Club - Contact Bill Thompson, K7OLY, Tumwater, 360-236-9048

4th Saturday - 10 AM - **Everett** - Everett Housing Authority - 14th and Popular - Contact Loren Hole, KK7M, 425-335-5158, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Walt Winters, AA7TL, 360-692-8326, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - 253-845-7652

SUPPORT YOUR CLUB

RADIO CLUB OF TACOMA

W7DK

ARRL

RADIO CLUB OF TACOMA

W7DK

TUESDAY NIGHT NET NOVEMBER CHECK-INS

CALL	NUMBER OF CHEK-INS	NAME
W6LIX	1	MOREL
W7AEA	4	MAX
N7ANF	2	RICH
WA7ANJ	1	ROGER
KJ7BN	1	MARILYN
AC7BU	3	AL
K7BUD	3	BUD
W7BUN	3	JERRY
N7BUW	2	BOB
K7DBU	4	JACK
W7DON	1	DON
W7EC	3	HAL
KK7FM	2	GEORGE
KD7FVT	1	TRACY
KD7IGY	2	WILMA
W7IMW	3	JACK
KA7IOX	4	SCOTT
WA7IVO	2	NICK
K7JIL	3	JILL
KC7JME	4	NORA
AC7JY	3	FRANK
KD7KPZ	1	DANA
AC7KQ	3	RAY
KD7LHP	2	JOE
AC7LK	3	JOHN
WA7OHG	4	WADE
KC7OKS	1	ED
KD7NES	1	GWEN
KC7NPT	1	TODD
KC7OKS	1	ED
KD7OPE	1	JERRY
KD7OPT	2	CAROL
KC7PAI	1	KARL
KB7QAG	3	JEFF
N7QHW	1	SHIRLEY
N7QHX	1	TOM
N7QOZ	3	BOB
KK7QS	1	MICK
KK7QW	2	PETE
W7RW	4	ANDY
K7SAA	2	ED
W7SKI	4	BOB
KB7SVX	4	JEAN
KB7SWW	1	BOB
KC7UFR	2	CHUCK
KC7VUM	3	LOU
KC7VUQ	2	JON
W7WG	1	WORTH
AB7WJ	3	BILL
NF7Y	2	SCOTT
KB7ZDR	1	MIKE
KC7ZWE	2	JEFF



NET CONTROLS	
NOV 6	KK7QS
NOV 13	KA7IOX
NOV 20	AC7BU
NOV 27	AC7BU

Editor's Notes

de Kathleen, NØEYK



HAPPY NEW YEAR!

Sounds like things in the great NW are wet and occasionally a little wild! I have a renewed hobby/craft since we have been south this year...quilting! I am having a lot of fun experimenting with color and pattern.

Hopefully the new 10 M vertical will mean so new check-ins on the Sunday night net.

See you next month. 73, Kathleen

QST QST QST

From the W7DK Club Station

HF Net every SUNDAY
28.375 MHz USB
2000 Hrs. Local

HO! HO! HO! I hope all of you had a good holiday season. Did Santa bring you any new toys under the tree this year? I know that a new ICOM, Kenwood or Yaesu is always a welcome gift in any ham home!

I'll keep things short this month as yours truly has been busy traveling on business, and I still have my shopping to do. First off, for those that have been down to the club station you may have noticed that the rotator control box has been removed from the operating position. This was done so that the rotator could be removed and repaired. The beam can still be used but **cannot be turned** until the rotator is reinstalled. You will know that project has been completed when the rotator control box is again sitting on the desk. My thanks to Alan, KB7SVU, for climbing the tower and removing the rotator. Alan had to make a second trip up the tower to re-secure the beam and prevent its turning due to the high winds we had in December. Thanks again, Alan.

Second, by the time you read this we should have the new 10 meter vertical antenna temporarily installed and usable from the station. It will be installed on one of the tower guy support poles until a second tower is erected on the club property. The club is in the process of installing a second tower to allow for expansion of our current antenna systems. It will not be as tall but will be quite an improvement. Stand by here for additional info as this project nears completion.

Next, one of our members has asked if anyone would be interested in operating the club during the coming 10-10 International 10-meter contest. The club is a member of that organization and, if there is interest, I will make sure that the club station can be open the weekend of the contest. The contest runs from 000Z, February 2nd, through 2400Z, February 3rd. Please contact me if you would like to participate.

Last, but not least, I would like to thank Mark, KD7AAG, for taking over as net control and running the 10 meter net when I was out of town on business. Please remember to check in to the 10 meter net each Sunday evening on 28.375 MHz at 8:00 PM local time. Happy New Year everyone!!

Lynn Neece, KB6OKS
W7DK Station Manager
253-853-5973 KB6OKS@JUNO.COM

ON THE WEB

www.w7dk.org
Come see us!





JANUARY CONTESTS

1
ARRL Straight-Key Night
4-6
ARRL RTTY Roundup
Kid's Day, phone
11-13
North American QSO Party, CW
Japan International DX Contest, CW
Hunting Lions in the Air, CW and Phone
19
070 Club PSK Contest.
19-20
ARRL January VHF Sweepstakes
North American QSO Party, Phone
25-27
CQ WW 160-Meter Contest, CW
Kansas QSO Party

FEBRUARY CONTESTS

1-3
Vermont QSO Party–CW/Phone
New Hampshire QSO Party–CW/Phone
Minnesota QSO Party–CW/Phone
Ten-Ten International Winter Phone QSOParty
North American Sprint–Phone
FYBO (Freeze Your B____ Off) Winter QRP Field Day--CW
2-4
Delaware QSO Party--CW/Phone
Feb 9-10
North American Sprint, CW
Utah QSO Party/Olympics QSO Party-CW Phone
FISTS CW Winter Sprint–CW
8-11
Winter 6-Meter Contest–CW/Phone
11-16
School Club Roundup
16-17
ARRL International DX Contest, CW
YL International QSO Party–CW
23-25
CQ WW 160-meter SSB Contest
CQC Winter QSO Party–CW/Phone
North Carolina QSO Party–CW/Phone

Want more info, check **www.arrl.org/contests**



◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet.

ARRL STUDY PANEL RECOMMENDS ELIMINATING NOVICE BANDS

On the basis of nearly 5000 survey responses, the ARRL Novice Spectrum Study Committee has recommended that the ARRL petition the FCC to eliminate the Novice CW subbands and allow Novice and Technician with Element 1 credit licensees to operate CW on the General 80, 40, 15 and 10-meter CW allocations at up to 200 W output. The panel suggested setting aside portions of those bands for "slow CW operation" to aid new CW operators in enhancing their skills. The committee recommended refarming the current Novice/Tech Plus subbands in part to allow expansion of the phone allocations on 80, 40 and 15 meters.

The committee's complete report will be presented to the ARRL Board of Directors for consideration during its annual meeting in January. The committee's determinations were based on opinions expressed by 4744 respondents to an ARRL Novice Spectrum Study survey launched in June. Those expressing their opinions included ARRL members and nonmembers. Nearly 61% of those responding were Extra class licensees.

The committee, chaired by ARRL International Affairs Vice President Rod Stafford, W6ROD, has been studying the status and usage of the Novice/Technician Plus HF bands with an eye toward determining what changes to usage of that spectrum might be needed now that the FCC no longer issues new Novice licenses.

The survey offered possible refarming options for each of the bands involved--including no change at all. Generally speaking, the predefined options proposed retaining Extra class CW subbands on the affected bands, setting aside expanded CW reserves for all license classes except Technicians lacking Element 1 credit, and dividing the remaining spectrum into expanded phone segments for General, Advanced and Extra class operators. A guiding principle was that no class of licensees would lose any privileges as a result of refarming.

The committee recommended expanding the phone bands in accordance with the most popular of the survey choices offered--three for 80, 40 and 15 meters and two for 10 meters. Here's a summary:

* On 80 meters, nearly 40% of those responding opted for a plan that would extend the US phone allocation to 3700 kHz, with Extras permitted on the entire subband, and with Advanced and General class subbands starting at 3725 and 3800 kHz respectively.

* On 40 meters, nearly half of the respondents picked the plan to extend the primary US phone allocation to 7125 kHz, with Extra and Advanced licensees allowed on the entire segment and Generals from 7175 kHz and up. (The committee's report suggested no changes to the special allocations for amateurs on certain Pacific or Caribbean islands and in Alaska.)

* On 15 meters, again, nearly half of those responding wanted the US phone allocation extended to 21,175 kHz, with Extras permitted on the entire allocation, and Advanced and General subbands beginning at 21,200 and 21,250 kHz respectively.

* On 10 meters--where Novice and Tech Plus licensees already may operate CW, RTTY and data from 28,100 to 28,300 kHz, nearly 55% of the respondents favored a plan to retain the US phone allocation from 28,300 to 29,700 kHz and to extend CW access to Novice/Tech Plus operators to 28,000 kHz--an additional 100 kHz. The current Tech Plus 28,300 to 28,500 kHz phone segment would be retained.

The committee's report says that if the ARRL Board adopts the plan, the League should include any request to the FCC to implement the changes within an omnibus filing encompassing other issues, rather than a a separate petition. Consideration of any necessary ARRL Band Plan changes would follow ultimate FCC approval.

ANTENNA MODELING IS NEXT ARRL CERTIFICATION PROGRAM OFFERING

Building upon the success of its emergency communication courses, the ARRL Certification and Continuing Education (C-CE) Program will offer an on-line course in computerized antenna modeling. Program Coordinator Dan Miller, K3UFG, said the new course will open for registration soon.

"This course is designed to assist students in mastering the art and science of antenna modeling using computer software," Miller said. The course was developed by L.B.Cebik, W4RNL, and course content was edited by ARRL Senior Assistant Technical Editor (and antenna guru) Dean Straw, N6BV. At least initially, the antenna modeling course will be offered once per month for up to 50 registrants. The course is scheduled to take 12 weeks to complete. The fee will be $80 for ARRL members and $120 for nonmembers.

While Miller doesn't expect demand for the antenna modeling course to come anywhere near that for the emergency communications series, he's hoping it will be popular enough to eventually spin off a "live" classroom course.

Since the introductory Level I emergency communication course was offered for the first time one year ago this month, the popular series has expanded to three levels, with the addition of the intermediate and advanced courses. Miller reports that more than 1600 students have signed up for seats in one or more of the series, and registrations for both on-line and live classes spiked in the wake of the September 11 terrorist attacks.

"It exceeded my expectations of one year ago," Miller said. He said he also was pleased to be able to offer the Level II and Level III classes this year.

Next on tap for the ARRL C-CE Program is a course on HF digital communications, which will become available early next year. The Certification and Continuing Education Program is seeking HF digital mode aficionados to beta test the course and to serve as mentors to students taking the initial classes.

To learn more, visit the ARRL Certification and Continuing Education Web page <http://www.arrl.org/cce> and the C-CE Links found there. For more information, contact C-CE Coordinator Dan Miller, K3UFG, cce@arrl.org.

AMATEUR RADIO EMERGENCY COMMUNICATIONS COURSE JANUARY REGISTRATION

Beginning in January 2002, registration for the Amateur Radio Emergency Communications Level I course (EC-001) will open on the first Monday, January 7; registration for Level II (EC-002) will open on the second Monday, January 14; and registration for Level III (EC-003) will open on the third Monday, January 21. Courses must be completed in order, starting with Level I. To learn more, visit the ARRL Certification and Continuing Education Web page <http://www.arrl.org/cce> and the C-CE Links found there. For more information, contact Certification and Continuing Education Coordinator Dan Miller, K3UFG, cce@arrl.org.

FCC STILL SINGING THE POSTAL BLUES

E-mail it or fax it, but--at least for now--if you've got something to send to the FCC, don't put it in the mail if you expect the FCC to receive it anytime soon. The FCC said this week that, because of the mail situation, it still is not processing Amateur Radio vanity call sign applications--even those filed electronically--because hard copy and electronic vanity applications get equal processing priority.

In the aftermath of the recent anthrax incidents involving the mails, the FCC began diverting mail destined for Gettysburg and for its Washington, DC, Headquarters to special-handling facilities. The Commission likely will not resume vanity processing until the mail situation is untangled.

The FCC has processed vanity applications received through October 14. Vanity applications received after that still are on hold, but vanity fees paid by credit card for electronic filings are being charged to holders' accounts.

FCC staff members in Gettysburg, Pennsylvania--the office that handles vanity processing and issues all Amateur Radio licenses--say they're working on a two-week mail backlog. In mid-November, the Gettysburg office began diverting mail addressed to its 1270 Fairfield Road location to another site in town for special handling. But, staffers say, some earlier mail to Gettysburg was diverted to FCC Headquarters for decontamination with other federal mail and is yet to be returned.

Since October 19, the FCC has been urging all of its customers to avoid using the mails to conduct business with the agency and to use electronic means to file comments or applications. The FCC has been acting on Amateur renewals and administrative updates filed online via the Wireless Telecommunications Bureau's Universal Licensing System <<http://wireless.fcc.gov/uls/>. As of December 3, all applicants must include an FCC Registration Number (FRN) when filing.

Mail sent to FCC Headquarters has been diverted to a warehouse facility in Capitol Heights, Maryland, since late October. The FCC has indicated that it continues to track the date of receipt for each piece of mail.

An FCC spokesperson in Washington has assured that no mail has been destroyed and that the Commission probably would permit additional time to include any comments filed on paper in a proceeding that might be caught in the special-handling and decontamination process. The FCC staff member invited those who had filed paper comments in a proceeding to file their comments again electronically, using the FCC's Electronic Comment Filing System (ECFS) <http://www.fcc.gov/e-file/ecfs.html>.

The FCC said the US Postal Service will continue to accept and will divert all mail addressed to 1270 Fairfield Road, Gettysburg--the office's physical location--to the off-site mailroom. The Gettysburg office now only accepts hand and courier deliveries at the rear entrance of 35 York Street, Gettysburg.

HAM-SAILOR COMPLETES "THE BIG ROUND TRIP"



David Clark, KB6TAM--the oldest person to sail solo around the world--arrived back in Fort Lauderdale, Florida, December 7 to a huge welcome. He'd been on the high seas for two years.

"They made a big deal out of it," said Chuck Baer, W4ROA, an ARRL Assistant Southeastern Division Director who followed Clark's journey and was on hand for the Florida homecoming. "The Guinness Book of World Records people were there to declare it official." He said Clark, 77, was in high spirits and glad to be back on solid ground.

Although Clark technically had completed his circumnavigation when he arrived back in the Bahamas in November, he had said he would not consider his journey complete until he'd returned to the port from which he'd departed two years earlier. Originally intending to arrive back in Florida in time for his 77th birthday last May 17, Clark decided instead to sit out much of the Atlantic hurricane season in Trinidad.

In Fort Lauderdale, Clark was reunited with his wife, Lynda, and other family members whom he had not seen since setting sail in 1999. Baer said a crowd of around 300 people--including news media--was on hand, and Clark's arrival was heralded by a plume of water from a Fort Lauderdale fireboat. A local high school band and a Navy ROTC color guard added to the pomp and circumstance.

Clark almost lost his life a year ago when his original sailboat, the Mollie Milar, sank off the coast of South Africa. Clark bought another sailboat--a smaller one that he named Mickey after his canine sailing companion lost in the rescue effort--and he resumed his quest in April 2001.

Clark used Amateur Radio throughout his two-year odyssey to keep in touch with his family. Having the radio aboard also may have saved his life. When his boat began sinking off South Africa, Clark put out a distress call on ham radio that was relayed to maritime authori-

ties. The crew of a commercial vessel plucked him out of the water to safety.

Clark in part supported his adventure with corporate sponsorship, but he funded much of the trip through Social Security earnings and occasional clarinet gigs. Hams along the way also provided financial assistance.

EMP SHIELDING PROPOSAL COULD INCLUDE AMATEUR RADIO GEAR

A petition recently put on public notice by the FCC would require that all electronic equipment subject to the Commission's jurisdiction be shielded against electromagnetic pulse (EMP) damage. The proposal, as drafted, would apply to both new and existing equipment that falls within its scope. If the petitioners have their way, that would include Amateur Radio equipment.

EMP--a high-voltage wave of electromagnetic energy--already is known to be a side effect of a thermonuclear explosion. But petitioners Don Schellhardt and Nick Leggett, N3NL, claim that terrorists could initiate an EMP using other technology--so-called "E bombs"--developed by the US military but, as yet, untested on a major scale.

The petitioners propose phasing in rules to require shielding--or "hardening"--to a basic performance standard that would permit "effective, uninterrupted functioning" of covered equipment following an EMP of 100,000 V per meter. They say that's twice the estimated EMP from a single high-altitude nuclear explosion. Schellhardt and Leggett say the best defense against EMP is copper shielding.

Amateur Radio is mentioned only once in the Schellhardt-Leggett petition, and Leggett told the ARRL that they kept their proposed rules for Amateur Radio equipment "rather vague" for now. He said their primary intention is to promote serious discussion on the EMP issue--especially in the wake of the September 11 terrorist attacks.

"We do lean towards mandatory requirements for some type of EMP protection for commercially produced amateur radio equipment," Leggett said. "We would both very much like to see constructive progress in the protection of amateur radio equipment from EMP events and attacks."

Schellhardt and Leggett addressed the Amateur Radio issue more directly in reply to comments filed on their petition by REC Networks. "How much emergency communication is amateur radio going to provide if the radio sets are disabled by intense EMP pulses?" they asked rhetorically. "Our opinion is that amateur radio earns its frequencies by its significant emergency communications and technical self-training activities. EMP shielding fits naturally into this public service orientation."

The FCC has designated the petition as RM-10330. Although the comment deadline officially ends December 14, late comments might be accepted in light of the FCC's mail system delays. Interested parties may comment using the FCC's Electronic Comment Filing System (ECFS) <http://www.fcc.gov/e-file/ecfs.html>.

TUNE UP THE RADIO AND TURN ON THE KIDS

Are you ready? Here comes Kid's Day! On S urday, January 5, sit down at your radio, tune it up, the share it with the younger generation. Let them talk abc Pokemon, school, games, Harry Potter, computers, friends and other kid stuff, while you manage the techi cal aspects and just watch and listen for a change. Kic Day is always lots of fun for all ages, and it's a terrific portunity for parents, clubs and individual amateurs to show youngsters what great fun ham radio can be. Fo more information about Kid's Day, visit the Kid's Day Rules page on the ARRL Web site <http://www.arrl.org ead/kd-rules.html>.

NEW YORK HAM WINS ANTENNA LAWSUIT

In one of the most favorable PRB-1 court rul gs in years, a New York amateur has won a three-year ba le to erect a tower on his property. The US District Court r the Northern District of New York has ordered the Sara toga Springs Planning Board to grant Randall J. Palme N2NVH, a special use permit for a 44-foot antenna sup port structure. PRB-1 is the limited federal pre-emption that requires localities to reasonably accommodate An teur Radio communication.

In a 20-page decision issued December 3, U District Judge Norman A. Mordue found that "the planr g board did not attempt to negotiate a satisfactory compi mise" with Palmer. As a result, Mordue, said, the town failed to reasonably accommodate Palmer's amateur communication needs pursuant to PRB-1. The judge found that "the planning board engaged Palmer in a strictly one-sided negotiation consisting of inflexible de mands and the construction of hoop after hoop for Palr r to jump through."

Mordue found that the record "clearly proves the planning board made no attempt to negotiate a sat factory compromise. On the other hand, the judge asserted, Palmer complied with many of the planning board's numerous requests and even made concessio on his own initiative. Mordue said that since the town a ready understood its obligations under PRB-1, he was recting the planning board to immediately grant Palme application. It's not known if the town will appeal.

ARRL Volunteer Counsel Albert J. Millus, WB2EQR, represented Palmer through much of the ba tle. "I'm a ham radio operator myself, and these are im portant cases for hams," Millus told the Associated Pre December 4.

Saratoga Springs limits all antennas to 20 fee in height and allows exceptions only upon issuance of a special use permit. Palmer applied for one in 1999 to erect a modest antenna system of less than 50 feet in height, but the town continued to deny his permit applic tion.

After the last rejection earlier this year, Palme went forward with his lawsuit, filed after the town's initia denial of his application. A bench trial was held Octobe 30. Mordue's decision relied on an analysis of prior antenna cases, including the landmark Pentel v. Mendota Heights case--issued by the Eighth Circuit in 1994.

ARRL Hudson Division Director Frank Fallon

N2FF, continues to spearhead a legislative effort to codify PRB-1 into New York state law. Fallon said he hoped the decision in the Palmer case--coupled with the goodwill generated by amateur response to the September 11 World Trade Center attacks--would prompt the New York Assembly to act favorably on the PRB-1 bill when the legislature goes back into session December 17.

TAKE A NUMBER: FRN NOW MANDATORY

Anyone filing an Amateur Radio application now will be asked to supply a 10-digit FCC Registration Number (FRN) issued by the FCC's new Commission Registration System, or CORES. The requirement applies to FCC applications filed on-line or on paper. The FCC also has supplanted Universal Licensing System (ULS) registration with "CORES/Call Sign" registration, so applicants no longer need to register separately in both systems.

Most, if not all, hams who registered previously with the ULS already have an FRN, although they may not know it yet. The FCC just completed another cross-registration to include those already on the ULS books within the CORES "entity registration" database, and another is scheduled. Amateurs can learn their FRNs by doing a license search on the FCC's Universal Licensing System page <http://wireless.fcc.gov/uls/>. FRNs also are displayed via the ARRL call sign server on ARRLWeb <http://www.arrl.org>.

The FCC has updated its ULS page <http://wireless.fcc.gov/uls/> to reflect the new reality and to make the page a bit less confusing. Amateurs not yet registered in CORES who click "CORES/Call Sign" registration will be redirected to the CORES site to complete that process. Amateurs who click "Online Filing" are advised to proceed to CORES to register if they do not already have an FRN, then return to ULS for filing.

Those filing on-line applications now are asked to supply either an FRN or a Taxpayer Identification Number (TIN--a Social Security Number for an individual) plus a password, typically the same for both CORES and ULS.

The process is a bit more daunting for new club station applicants, who now will be asked to register in CORES as business entities. Such applicants also may file with a Club Station Call Sign Administrator using Form NCVEC 605 and simply leave the FRN field blank. ARRL VEC Manager Bart Jahnke, W9JJ, says that in those cases, the Club Station Call Sign Administrator (CSCSA), such as ARRL, will register the club station entity in CORES on the applicant's behalf.

The FCC also now only accept FCC Form 159 (Remittance Advice) dated February 2000 or later, which requires providing an FRN. A copy of the acceptable version is available on the FCC Web site <http://www.fcc.gov/fees>. At the left side of the page, click on "Form 159".

For more information about the Commission Registration System or on obtaining an FRN, contact the CORES Help Desk, 877-480-3201, cores@fcc.gov.

NEW AMATEUR EXTRA CLASS QUESTION POOL RELEASED

The National Conference of Volunteer Examiner Coordinators' Question Pool Committee has released a revised and expanded Amateur Extra class (Element 4) question pool into the public domain. The new question pool becomes effective July 1, 2002, and must be used to generate all Extra class written examinations administered on or after that date. It replaces the Extra class question pool released April 15, 2000--the day Amateur Radio "restructuring" became effective.

The new Element 4 pool expands the number of questions by more than 20 percent--806 questions--as opposed to 665 in the current Extra class pool, and it contains more technical material. More than half of the questions cover electrical principles, circuits, signals and emissions.

The 50 questions in an Extra class examination are drawn from the question pool consistent with FCC rules and according to a formula that specifies the number of questions to be asked from each of nine topic areas. Applicants must correctly answer at least 37 questions to pass.

The new Element 4 question pool is available on the ARRL Web site <http://www.arrl.org/arrlvec/pools.html>. The just-released Extra class question pool remains valid through June 30, 2005.

The Question Pool Committee now will turn its attention to developing an outline for the Technician class (Element 2) question pool. A draft Element 2 syllabus is scheduled for public release and comment next spring. The QPC invites suggestions for the Element 2 syllabus and question pool revision.

Questions and comments about the QPC's work can be directed to, Chairman Scotty Neustadter, W4WW, w4ww@arrl.net; ARRL VEC Manager Bart Jahnke, W9JJ, vec@arrl.org; Fred Maia, W5YI, w5yi@w5yi.org; and John Johnston, W3BE, johnston.john1@worldnet.att.net

ARRL ISSUES QRP DXCC PROGRAM RULES

The ARRL has issued rules <http://www.arrl.org/awards/dxcc/qrp/qrp-dxcc-rules.html> for its new QRP DXCC Award. Applications will be accepted starting January 2, 2002.

The ARRL Board of Directors approved the new QRP DXCC Award at its July 2001 meeting. The QRP DXCC Award is given for working 100 different "entities" (formerly "countries") on The DXCC List while operating with an output power of 5 W or less. Standard DXCC rules <http://www.arrl.org/awards/dxcc/> also apply to this new award. Contacts made since November 15, 1945, are acceptable.

The award is available to Amateur Radio operators worldwide. Applicants must submit an alphanumeric list of 100 contacts--sorted by call sign prefixes. Application forms and additional information are available on the ARRL Web site <http://www.arrl.org/awards/dxcc/qrp/index.html>, via e-mail to dxcc@arrl.org, fax 860-594-0259, or mail to ARRL DXCC, 225 Main St, Newington, CT 06111.

FCC OFFERS INTERNET EXPLORER FIX FOR ON-LINE FILING PROBLEMS

The FCC announced recently that it now supports Microsoft Internet Explorer as well as most later versions of Netscape for filing applications via the FCC's Universal Licensing System (ULS). Some amateurs using Internet Explorer have reported problems filing on-line, however, and the FCC says those users may need to run a Java Applet IE plug-in to correct the problem. It's available from the FCC at <https://wtbjag1w.fcc.gov/ieplugin/j2re-1_3_0_02-win.exe> When a "File Download" dialog box appears, click on "Run" or "Open" (depending on your version of IE), and the plug-in will download and install automatically. If a "Security Warning" box appears, click "Yes." Amateurs also must now supply a 10-digit Commission Registration System-issued FCC Registration Number (FRN) when filing FCC applications on-line or on paper. For help initiating an on-line filing using Internet Explorer, contact FCC Tech Support, weekdays, for assistance, ulscomm@fcc.gov or 202-414-1250.

ANTHRAX SCARE IMPACTING OUTGOING DX QSL VOLUME

With one month to go in 2001, ARRL Outgoing QSL Service Manager Martin Cook, N1FOC, reports that his bureau has handled 1,716,940 cards from January 1 through November 30 of this year. That's 54,960 cards ahead of the same date last year. "However, the volume of cards coming in for processing has slowed drastically since the recent anthrax scare," Cook said. "I was hoping to make the 2 million mark this year, but it's not looking good. We will be lucky to beat last year's total." The more than 1.7 million figure so far in 2001 includes cards going to US incoming QSL bureaus and cards sorted and mailed by contractor. The Outgoing QSL Service handled 1,868,895 cards during 2000.

COMMENTS DUE FEBRUARY 12 IN "BAND THREAT" PROCEEDING

Comments are due February 12, 2002, in an FCC Notice of Proposed Rule Making and Order, ET Docket 01-278, that ARRL has targeted as a potential band threat. Reply comments are due on March 12, 2002. The proceeding deals in part with a potential threat to the popular 70-cm band from Part 15 RF identification devices proposed for deployment between 425 and 435 MHz.

SAVI Technology, which markets radiolocation and wireless inventory control products, told the FCC it needs the rules changes to satisfy customer demand for increased RFID system capabilities. The FCC has proposed to allow operation of RFIDs as unlicensed Part 15 devices in the 425-435 MHz band with transmissions of up to two minutes at field strengths now only permitted for extremely short-duration, intermittent control signals.

The ARRL has argued that under the Communications Act of 1934 the FCC lacks authority to permit unlicensed devices with substantial interference potential and that such devices must be licensed. The League also is looking into the interference potential posed to 20 meters by a proposal to increase the maximum emission levels permitted by Part 15 devices operating at 13.56 MHz, as well as the maximum level of out-of-band emissions.

Commenters are advised to read paragrap 20-27 of the NPRM&O, available on the ARRL Web <http://www.arrl.org/news/stories/2001/10/19/1/290a html>. Interested parties may file comments using th FCC's Electronic Comment Filing System, <http://ww fcc.gov/e-file/ecfs.html> (search using "01-278"). Co menters should include full name, US Postal Service mailing address, and applicable docket or rule makir number--in this case ET 01-278.

It's also possible to e-mail comments via th ECFS. To obtain e-mail filing instructions, commente should send an e-mail to ecfs@fcc.gov and include t words "get form <your e-mail address>" in the body the message. A sample form and directions will be s by reply e-mail.

AMATEUR RADIO TRADER CALLS IT QUITS

Amateur Radio Trader magazine is ceasing b lication with its second November issue, which went t to subscribers November 20. "This was a difficult but necessary decision, due to the combined effects of t Internet on our print edition (the primary source of ou Web content), and the economic climate," said the magazine's editor Barbara Patterson, KF4MVV, in a statement on the Amateur Radio Trader Web site <h www.amradiotrader.com>. "ART is no longer a viable product for us. We are redirecting the company's resources into other areas." Patterson told ARRL that t Amateur Radio Trader Web site also would be discon ued and that subscribers would be reimbursed for ar outstanding issues. She said TAP Publishing Compa which owns the twice-monthly listing of classified ads had decided to put its energies into other areas. Patt son apologized for any inconvenience.

ARRL RCT VE Team Report

In November and December 2001, we teste 31 persons during the VE Testing sessions. Out of the 31, 14 people either upgraded their license or achieve a new license. Of the remaining 17 persons, 11 success fully passed the element attempted but received no up grade and the other 6 were unsuccessful in their atten to pass the requested test elements.

Overall, there were 31 test elements given. were passed and 6 failed, for an 81% passing rate. Achievements included 6 Technician Class licenses, Technician W/HF, 2 General Class licenses, and 5 An teur Extra Class licenses.

Congratulations to club members who passe the General written element: Arthur Allen, KD7KQE; Robert Dardis, KD7OPG; and Mark O'Haleck, KD7NE Congratulations to club member Carol Robson, KD7O who upgraded to General Class, and to Alan Hughes, KB7SVU, and Lynn Neece, KB6OKS, who upgraded t Amateur Extra Class.

Congratulations to all the new amateur radio operators and stay tuned for further exam testing resu in the future.

73, Shirley, N7QHW, Radio Club of Tacoma E Team Liaison



SIGN UP FOR JANUARY CLASSES

GENERAL CLASS COURSE
BEGINS
THURSDAY, JANUARY 10TH,
FOR FIVE THURSDAYS.

AMATEUR EXTRA CLASS COURSE
BEGINS
MONDAY, JANUARY 22ND,
FOR EIGHT MONDAYS

NOTE: THE EXTRA CLASS QUESTION POOL INCREASES 20% ON JULY 1ST. MOST OF THE ADDITIONAL QUESTIONS INVOLVE ELECTRONICS THEORY. (UPGRADE NOW BEFORE THE DIFFICULTY OF THE EXAM INCREASES).

CONTACT JERRY, W7BUN, TO REGISTER FOR EITHER CLASS.
253-845-7652 OR E-MAIL w7bun@wa.net



SATURDAY SWAP AND SHOP

Swap and Shop, **Saturday JANUARY 26th**, at the clubhouse, from 10 AM to 2 PM. Bring items to sell (and money to buy!).



ADIO CLUB OF TACOMA
O OX 11188
ACOMA, WA 98411-0188

[ ] NEW MEMBER (ONE APPLICATION PER MEMBER)

[ ] RENEWAL (ONE RENEWAL FORM PER FAMILY OK)

EMBER CATEGORY: [ ] FULL [ ] SENIOR [ ] ASSOCIATE [ ] FAMILY [ ] LIFE [ ] STUDENT [ ] REINSTATEMENT

ame_____ Call_____ Class_____ Birthday_____

ddrss_____City/State_____

e #_____Home Phone(____)_____ Work Phone(____)_____

ail_____Publish phone number/e-mail in the Club Roster? Yes [ ] No [ ]

ormr Call(s)_____

re ou a Volunteer Examiner Yes [ ] No [ ] If Yes, which VEC_____

Occulation (or former occupation)_____ Employer_____

Are ou a member of: ARRL [ ] ARES/RACES [ ] MARS [ ]

AMLY MEMBERS NAME, CALL, AND LICENSE CLASS (RENEWALS ONLY)

_____

_____

_____

HE RADIO CLUB PARTICIPATES AND SUPPORTS THE FOLLOWING ACTIVITIES EACH YEAR. PLEASE MARK THE BOX IN FROT OF THE ACTIVITY OR ACTIVITIES THAT YOU WILL HELP SUPPORT. WE URGENTLY NEED YOUR HELP AND SUPPORT, LESE CONSIDER AT LEAST ONE ACTIVITY THAT WE CAN COUNT ON YOU TO SUPPORT.

[ ] WARDS BANQUET
[ ] IELD DAY
[ ] CT FLEA MARKET
[ ] OOTH AT THE WWA FAIR
[ ] WEEPSTAKES IN NOVEMBER
[ ] VE TEAM
[ ] LOGGER'S BARK MAILING PARTIES
[ ] TEACHING CLASSES
[ ] SCOUTS JAMBOREE IN OCTOBER
[ ] BEING AN ELMER
[ ] ARES/RACES
[ ] N KITSAP FLEA MARKET
[ ] OTHER MISC CONTESTS
[ ] MIKE & KEY FLEA MKT
[ ] RCT MUSEUM

Othr hobbies, expectations, comment:_____

Do ou own a computer? Yes [ ] No [ ] If so, what type?_____

Howdid you hear about the Radio club?_____

Seven dollars ($7.00) of your annual dues is the subscription fee for the Club's monthly newsletter(The Logger's Bark).

Clu badges are available for $9.00. If you would like a badge, please PRINT the following:

Badge Name_____ Badge Call Sign_____

Apicant's Signature_____ Date_____

ANUAL MEMBERSHIP DUES: FULL OR ASSOCIATE MEMBER $30
FAMILY MEMBER (AT SAME ADDRESS, FIRST TWO) $15 EACH (ALL ABOVE 2 ARE FREE)
SENIOR MEMBER (65 AND OVER) $25 FULL-TIME STUDENT (UP TO AGE 25) $15
LIFE MEMBERSHIP = 20 TIMES ANNUAL DUES (PAYMENT PLAN AVAILABLE)

FOR RCT USE ONLY

Dues received $_____ Treasurer's initials_____ Date_____

Badge fee rcvd $_____ Treasurer's initials_____ Date_____

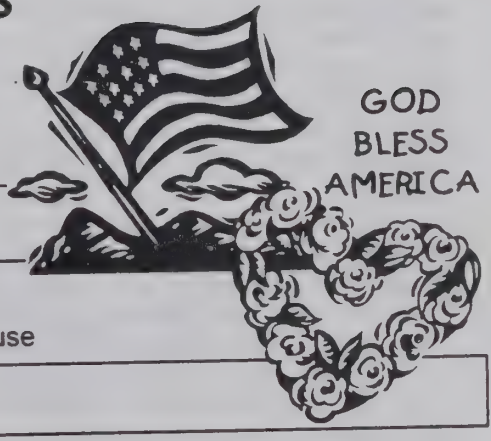
Receipt Number_____ Radio of Tacoma Membership Number_____

TH LOGGER'S BARK
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PCBox 11188
Taoma, WA 98411

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RITURN SERVICE REQUESTED

COMING EVENTS



EB 2 - **Pinochle Potluck** - 7 PM, Clubhouse

EB 6 - **Board Meeting - Clubhouse, 7:30 PM** - All members welcome.

EB 12 - **License Exams** - 7 PM - Clubhouse

EB 13 - **Club Meeting** - Library Administration Center, 7:30 PM
Program: **SHOW AND TELL**

FEB 15 - BARK deadline

LAST SATURDAY - **FEB 23 - Swap and Shop** - 10 AM to 2 PM, Clubhouse

FEB 27 - Club Meeting - Library Administration Center, 7:30 PM
Program: **MESSAGE HANDLING PROCEDURES**

MAR 2 - **Pinochle Potluck** - 7 PM, Clubhouse

MAR 6 - **Board Meeting - Clubhouse, 7:30 PM** - All members welcome.

- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- ***Check in on the 10 Meter Net every Sunday evening, 8 PM, on 28.375 MHz USB***
- **See page 3 for meeting program schedule.** Check the weekly net for updates to the program schedule.

HAPPY VALENTINE'S DAY!

February 2002

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2 9:00 OPEN HOUSE 7:00 PM PINOCHLE POTLUCK
3 KEITH MARSHALL KD7KPY	4 DICK STRONG KB6PWR *	5 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	6 7:30 PM RCT BOARD MTG	7 VAL BALDWIN N7VGO *	8 DUDLEY PILLIPS G4UFH	9 9:00 OPEN HOUSE
10 RICH MANSON N7ANF *	11	12 Lincoln's Birthday 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	13 KARYL EDWARDS N7KWF *	14 Valentine's Day MARK TERJESON N7FIT * CHARLES ASHCRAFT KD7LZS *	15	16 9:00 OPEN HOUSE
17	18 President's Day ROBERT LYONS KB7GTE * JOHN BRYAN KD7LAT * PETE JONES N8PSJ *	19 DONNA HATHAWAY NOCALL * 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	20 AL ERICKSON KD7OPJ *	21 PAM TERJESON KC7AZV *	22 Washington's Birthday TRESSIE HUGHES KC7BAL * ROBERT NELSON KD7HBE *	23 Swap and Shop 10 AM to 2 PM Clubhouse 9:00 OPEN HOUSE
24 JOHN S THOMAS N7JFM *	25	26 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	27 ED ROOT KC7OKS *	28		

* HAPPY BIRTHDAY!

CLUB OF TACOMA

W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXIX NR. 2 | W7DK | FEBRUARY 2002

FROM THE PRESIDENT

Mick, KK7QS

Hello everyone! As we move into the new year, I see a lot of good things beginning to happen for the club. We have a planning committee that is working hard to set goals and give the club direction. We have members working to introduce the Boy Scouts and other youth groups to Amateur Radio and to the club. These are things we have been talking about for a couple of years now. I am glad to see the ball finally start to roll, so to speak. We will also be putting in a couple of new stations at the clubhouse. We are installing an ATV station. Mario, K6ILO, has donated a beam antenna and the club already has the necessary transceiver. Mario has given several demonstrations at the clubhouse and at various events. He is willing to work with us to get it installed and working properly. We feel the club should be more diversified and have working stations that cover more modes of amateur operation. We should go far beyond just HF and repeater operation. Also in the making is an IRLP node for the club's .28 repeater. We will be installing the node as soon as we get the hardware. This is being done as we speak. If you had a chance to attend our meeting of January 9th, Marty, KC7ZWG, gave a wonderful presentation on the subject. For those of you who could not attend I will try to enlighten you a little. The letters IRLP mean Internet Radio Linking Project. It is a way to link repeaters all over the world via the Internet. It makes talking around the world on UHF and VHF possible. John, AC7LK, is working with Marty and our repeater committee to see that this operation goes well. Marty currently operates a repeater at 444.000 that already has an IRLP node. He has invited the club to tune in and check it out. It is an open repeater and any licensed amateur is welcome to give it a try. Tune in and check it out. I think you will be amazed.

The Board is also looking into the advantages and disadvantages of e-mailing the bark to those members whom have e-mail capabilities. Our membership chairman, Scott, NF7Y, has already sent out a letter to the membership using a mass mailing list. The list includes everyone that has included their e-mail address on the club's membership application form. If you have an e-mail address that is not on the club roster, be sure and get it to Scott. This will be a good way to get information to the members in real time and to keep members up to date on what the board is currently doing. Wouldn't it be nice to know what the agenda for the next board meeting is rather than hear what happened 2 months later? If you rely solely on the BARK for all your reports, you will be about a month behind. After all what you are reading right now I wrote over 3 weeks ago. Come to the board meetings and help us improve your club. 73 de KK7QS

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- **CONTESTS** - Page 6

Radio Club of Tacoma License Exams

FEBRUARY 12, 2002

7 PM RCT Clubhouse

1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $10. For information call: Shirley Murphy, N7QHW @ 253-265-3661

RADIO CLUB OF TACOMA -- 1999

PRESIDENT	MICK PIER	KK7QS	847-8223
V PRESIDENT	MOREL GUYOT	W6LIX	838-5433
SECRETARY	ED ROOT	KC7OKS	851-7463
TREASURER	ROGER TERWILLIGER	WA7ANJ	475-4293
BOARD (5)	AL BURLESON	K7HW	474-9023
	WORTH GURLEY	W7WG	582-3844
	RICH MANSON	N7ANF	474-8883
	GEORGE NOBLE	KK7FM	756-1127
	FRANK PALMER	AC7JY	539-1685
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	ROGER NACE	K8RN	209-5624
	DICK RYAN	W7RGD	627-0922
	JERRY SELIGMAN	W7BUN	845-7652
PHOTOGRAPHER			
ASSISTANT ED.	ROGER NACE	K8RN	209-5624
COMPOSITOR	KATHLEEN NACE	NØEYK	209-5624
PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 253-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350 #14060, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

***THE LOGGER'S BARK*, OFFICIAL PUBLICATION OF THE RADIO CLUB OF TACOMA, IS PUBLISHED MONTHLY BY W7DK PRESS, PO BOX 11188 TACOMA, WA 98411. THE PUBLICATION IS MAILED FROM TACOMA, WA 98411 UNDER 3rd CLASS BULK, NON-PROFIT ORGANIZATION, US. POSTAGE PAID TACOMA, WA. PERMIT #1078.**

POSTMASTER SEND ADDRESS CHANGE TO:
***THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.**

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

SUNSHINE & CONGRATS

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please contact Jill Palmer, K7JIL, (253)539-1685 or e-mail, hamtalker2@aol.com

W7DK/Radio Club of Tacoma

147.28 / .88 MHz **144.97 - Packet**
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Martin Johnson, KC7ZWG RCT 211
4508 Sunset Dr. W.
Tacoma, WA 98466-2311 253-223-148
E-mail: kc7zwg@attbi.com

William J. Lucas, KB7IHB RCT 211
10220 88th Ave SW
Lakewood, WA 98498 253-582-723
E-mail: camberra@msn.com

Reinstatements

Address/Phone Changes/Corrections

Richard Watson, KD4VD Mail not forward
Bob\Grace Teitzel, WA7ZZA and AD7S Mail not forward
Robert E/Nina Archer, KC7KR and KD7JDY Unknov

Del and Sandy Newhouse, KD7HYU and KD7HYT
P.O. Box 70
Vaughn, WA 98394-0079

Bill Morgan W7GPR
P.O. Box 44541
Tacoma, WA 98444-0541

Donald Severeid K7LMN
5001 E Main St Lot 1518
Mesa, AZ 85205-1336

E-Mail Address Changes/Additions
New Calls/Upgrades

Dennis F. Level, KC7VUL denco25@aol.cm

Silent Keys

Tony Griesler KA7SWM December 27, 20

Goodie Morgan KA7DHC December 23, 20
Goodie was the wife of Bill, W7GPR

PINOCHLE



PINOCHLE & POTLUCK
Saturday, Feb. 2nd, 7 PM
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898
Next gathering - Mar. 2nd, 7 PM

COMING PROGRAMS AT RCT

EDNESDAY, FEBRUARY 13TH - "SHOW AND TELL"

Everyone is encouraged to bring an item to show the group. It can be commercially manufactured or home made, something very old or something new with the latest technology. It can be an operating aid, something unique, or a technique used on the air or in the workshop.

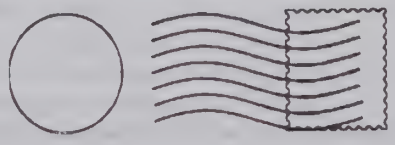
EDNESDAY, FEBRUARY 27TH - A REVIEW OF MESSAGE HANDLING PROCEDURES

When an emergency or disaster occurs, hams will be asked to originate, relay, or receive messages. These will include emergency messages, "health and welfare" messages, and requests for help or supplies. All amateurs should know how to put a message in the proper format with the correct preamble, where to find on-the-air nets to get the message sent, and how to deliver a message. Learn the basics of traffic handling. Handouts will be provided.

ATURDAY, FEBRUARY 23RD - MINI FLEA MARKET AND SATURDAY OPEN HOUSE

Bring radio or computer related articles to the clubhouse to sell, or drop by to view what's available from 10 AM to 2 PM. Bring the family and enjoy hot dogs and potato salad. Go upstairs and operate the HF station (control operators will be available, so anyone can participate).

NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW
TO CONTINUE
RECEIVING YOUR BARK



...and the QSL CARD for this month is...

Marcus Island (Minami-Tori-Shima) is in the Pacific Ocean between Japan and Hawaii. During World War II, it was home to a Japanese airfield and weather station. A multi-aircraft carrier group attacked the island on August 31st, 1943, when the carriers Essex (CV-9), Yorktown (CV-10), and Independence (CVL-22) along with ten destroyers, two cruisers and the battleship Indiana were grouped together to form Taskforce 15. Marcus Island was quickly decimated by the surprise air attack.



ARES/RACES

...de Dana Marshall, KD7KPZ,

You can get involved if you have access to the Internet. Check out the ARES/RACES web site at http://piercecounty.danawheels.net and log into the ARES/RACES message board. Use your call sign to register as a member of the message board.

Do you want to get more involved? Simply contact Alan Hughes, KB7SVU at 253-840-4947 and let him know.

73, Dana, KD7KPZ,
360-897-9015
kd7kpz@danawheels.net
Assistant EC, Pierce County ARES
Assistant Radio Officer, Pierce County RACE

<http://piercecounty.danawheels.net>

CELEBRATION OF LIFE POTLUCK

On December 16, from 1-3 PM, many friends and fellow club members gathered together at the clubhouse to celebrate the life of Silent Key, Lou Simmons KB7WDB. Lou's wife, Nora, KC7JME, was there with their granddaughter. We had more than enough delicious food to share, and it was obvious that much time was given in preparing it. Worth, W7WG, stood, and said a few words along with presenting a beautiful plaque with Lou's picture on it. The meeting room of the clubhouse was dedicated in his memory and the plaque will hang there as a reminder of the love and hard work of our friend Lou. We gave a time for any who might want to say a few words in his remembrance. Some were able to stand and share and many others were only able to feel it in their hearts, knowing that tears would accompany sharing. I'd like to thank some who helped me prepare and clean up: Frank Palmer, AC7JY; Marilyn Olson, KJ7BN; Margaret Jarrell; Roger Terwilliger, WA7ANJ; Rich Manson, N7ANF; and many others who helped with setting up tables and chairs and with putting food away. I could not possibly have done it without your help. Thank you to our President Mick Pier, KK7QS, who helped keep things running smoothly. I'd like to also thank Nora for allowing me to be a part of this celebration. As you know, I am working on a "memory book" for Nora and have received about 15 items so far. You may write something, provide a photo or any momento of your memory of Lou. I needed to wait for the holidays to be over to get started, and I will be working on it for a while. It is not too late to get something to me to put in it if you haven't yet. Please e-mail me at Hamtalker2@aol.com, give to me at a club meeting, or mail me: Jill Palmer 3817 169th ST CT E, Tacoma, WA 98446.

AREA SWAP MEETS

9 Mar 2002
Mike and Key ARC Puyallup, WA
http://www.mikeandkey.com
Contact: Michael Dinkelman, N7WA
Phone: 425-867-4797 (days) or 253-631-3756 (eves)
Email: mwdink@eskimo.com

6-7 Apr 2002
Washington State Convention Yakima, WA
http://eagle.ykm.com/~W7aq/hamfest.html
Contact: Jack Wrenn, N7KNO
Phone: 509-249-0897
Email: n7kno@arrl.net

11 May 2002
Stanwood-Camano ARC Stanwood, WA
Contact: John McCann, N7MZ
Phone: 360-629-2921
Email: huppert@whidbey.net

31 May, 1-2 June SEAPAC 2002

14 Sept 2002 Radio Club of Tacoma FleaMarket
Contact: Frank Palmer, AC7JY
3817 169th Street, Ct. E
Tacoma, WA 98446
Phone: 253-539-1685
Email: hamtalker@aol.com

SCHEDULE YOUR SWAPMEET VI

STAMPS FOR CHILDREN



I am trying to collect stamps for the Shriner's Hospital for Children. They can either contact me, Bo KD7IBU, or send the stamps to the following address:

Stamp Club
Shriner's Hospital for Children
2425 Stockton Blvd
Sacramento CA 95817

Thanks. Bob Tompkins, KD7IBU

PLANNING PROJECT REPORT

The President and Board of the Club have authorized the formation of a Planning Project Committee for the purpose to make studies and recommendations to the membership.

The group wants to hear from the membership and emphasizes that there are no bad ideas and that the only thing standing in the way of an idea taking form is lack of an enthusiastic proposer. We want to generate enthusiasm.

To date the group has met twice and is going to propose the following to the membership.

- Establishing a Boy Scout and School Program to license young people as Technician Class licensees, and to supply sufficient equipment to the groups thus formed to enable them to get on the air.
- The Board has approved establishment of an IRLP node at the Club's station and recommendations are currently being formulated to enhance its use once established.
- Actively seeking input from the membership on the use and modifications, if any, to the Club's station.
- Development of organizational protocol for Club activities, beginning with Field Day, the Fair, and Awards.
- Development of new Club activities and the adopting of a timeline for each. These include renovation of the Club classroom, cleanup and maintenance of Club property, the establishment of a mini flea mart on the last Saturday of each month with socialization of membership to be emphasized. The Club should supply hot dogs and a salad. This recommendation is actually scheduled to begin on the last Saturday in January and all members are encouraged to attend and bring supplies and equipment for sale.
- Beginning a series of seminars of fifteen to twenty minutes' duration on subjects of interest to amateur radio at the clubhouse on Saturday mornings.
- Regular e-mail messages to the membership of items of general interest and prior to all meetings and special events.
- The regular reporting of group's activities and recommendations in the Bark and at Club meetings.
- Establishment of a share-the-ride program to enable all members who wish to attend the Club meetings to be able to do so.

Recommendation to the Board of Directors and membership that the following procedure for acceptance of equipment donations be adopted as a standing rule of the Club:

PROCEDURE FOR ACCEPTANCE OF EQUIPMENT DONATIONS

- The person responsible for accepting equipment donations will be the host for the Saturday open house, or any member who receives a donation at any other time.
- This person will IMMEDIATELY make a list of all major items donated, including make, model number, and description, and the full name, call, address, and phone number of the donor. The equipment will be IMMEDIATELY stored in the garage in an appropriate area, and then a notification by telephone to the equipment custodian is required.
- The list of items and donor information shall be given as soon as possible or mailed to the Club Treasurer, so an IRS donation form can be sent to the donor.

The entire membership is asked to make their wishes, questions, and concerns known to the planning project members, and this can be done by contacting any member. The members of the group are as follows: Al, K7HW; George, KK7FM; Scott, NF7Y; Jerry, W7BUN; John, AC7LK.

73, JOHN, AC7LK

lelping Santa

Elf Ed, KC7OKS



On Wednesday, December 19, 2001, it was my great pleasure to be able to go to ary Bridge Children's Hospital and assist Santa Claus in talking to the children on the radio. want to also thank the other Elves that made it possible. Elf George, KK7FM, and Elf Todd, D7NPT. The staff at the hospital was indispensable also.

Although Santa is magical, he did require some assistance to use ham radio on the HF band to talk to the children. He did very well though. He knew the names and addressed each child as Elf Todd gave them the radio to talk to Santa. In one instance he even knew he names of 2 visitors that were with a friend.

It was a smart group that he had to deal with. One young lady asked how he could et around the world in one night. He explained how it was a part of Einstein's theory, and how as he went fast nough that time slowed down. Luckily math was her favorite subject and she knew of Einstein. Santa also told her of elivering presents to him in Germany when he was a child. Another young man when asked what he wanted for hristmas stated that he wanted everything. He was promised that he would get something. The boy with the visitors anted some hockey things. One of his visitors did also, but the other one wanted basketball shoes. Santa told him bout delivering a basketball to Michael Jordan when he was a child. One young lady had just had an operation that norning, but she insisted that she wanted to talk to Santa. One young lady wanted her own room. Santa told her that he would turn that over to her parents.

All in all, everything went very well. Even the 13-year-old girl who wasn't sure she believed in Santa talked to him. Since he called her by name she figured she had better not take any chances. I didn't get an exact count, but I think that Santa talked to about 12 children. I know that I enjoyed it and that Santa did too. Hopefully this is something that we will be able to provide in future years. I sure want to be involved next year. It also gave me a chance to tell Santa what I wanted for Christmas. Guess What? I got what I asked for. Thanks Santa!

(Editor's Note: Well done, Elves. Thanks!)

QST QST QST

From the W7DK Club Station

HF Net every SUNDAY
28.375 MHz USB
2000 Hrs. Local

WANTED: A FEW GOOD IDEAS!

Now that we are into a new year, the holidays have passed and the decorations have been stowed away for another year, I would like everyone reading this to take the time to do some thinking. As the station manager, I need your ideas and input concerning the club station and its value as an asset to the club. Is the club station of any value to you? From looking at the station log over the past year, it appears not. The Long Range Planning Committee is looking at various areas of the club and trying to determine what expansion or consolidation needs to be done based on the needs of the club. It is their perception (and looking at the log proves), that there is little interest in the club station. Growth and expansion of the facility will not happen without first using what we have. Over the past year, the only significant use of the station has been for the 85th anniversary special event operation and the weekly 10-meter net. Maybe I am doing a poor job of promoting activities. Would you be willing to help by standing up at a club meeting with a sign up sheet for upcoming contests and be the first on the list? Would you give a report to the membership on the last countries needed to complete the list of contacts for the club's DXCC award? Would you come to the clubhouse and operate the station? I would like to be the busiest station manager on the planet and working my butt off to keep up with the activities of the club, keeping our QSL manager working overtime sending out cards, and upgrading the station with the latest in new equipment. This can only happen if you get involved and give me ideas on how to better meet your needs for using our club station, otherwise we just may have to mothball W7DK. I would hate to see that happen and would rather be known as the big gun on the bands! Can you help make that happen? If so please contact me and please check into the 10-meter net at 28.375, at 8:00 PM each Sunday evening.

73, Lynn KB6OKS, standing by and back to you.

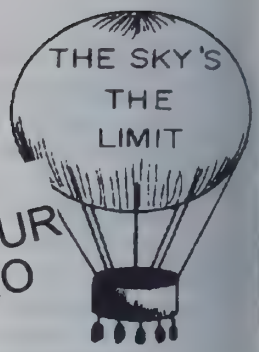
Lynn Neece, KB6OKS, Station Manager, W7DK
253-853-5973 KB6OKS@JUNO.COM

ON THE WEB

www.w7dk.org

Come see us!





CONTESTS

FEBRUARY

1-3
Vermont QSO Party–CW/Phone
New Hampshire QSO Party–CW/Phone
Minnesota QSO Party–CW/Phone
Ten-Ten International Winter Phone QSOPar
North American Sprint–Phone
FYBO (Freeze Your B__ Off) Winter QRP Field Day–CW

2-4
Delaware QSO Party–CW/Phone

Feb 9-10
North American Sprint, CW
Utah QSO Party/Olympics QSO Party-CW Phone
FISTS CW Winter Sprint–CW

8-11
Winter 6-Meter Contest–CW/Phone

11-16
School Club Roundup

16-17
ARRL International DX Contest, CW
YL International QSO Party–CW

23-25
CQ WW 160-meter SSB Contest
CQC Winter QSO Party– CW/Phone
North Carolina QSO Party– CW/Phone

MARCH

Mar 2-3
ARRL International DX Contest–Phone

Mar 9-11
RSGB Commonwealth Contest, CW
North American RTTY Sprint
Wisconsin QSO Party, Phone and CW

Mar 16-18
Russian DX Contest, CW and SSB
Virginia QSO Party–Phone and CW
Montana QSO Party, Phone and CW/Digital
YL Int'nat. SSB System QSO Party–Phone

Mar 23-24
2002 Oklahoma QSO Party–Phone and CW/Digital

Mar 25
Spring QRP Homebrewer Sprint–CW and PSK31

Mar 30-31
CQ WW SSB WPX Contest–SSB

Want more info, check
www.arrl.org/contests



MEETING MINUTES

Radio Club of Tacoma
Board Meeting
5 December 2001

The meeting was opened at 7:46 PM. Last board meeting minutes were approved as corrected.

Correspondence: Newsletters, QSLs, membership renewals, ARRL renewals, 2 bank statements, ads, and a think you note from Bill Watson, W9BYH.

Treasurer's Report: The report is in the Bark.

Committee Reports:

Jerry, W7BUN, reported on the *QSL cards* from the anniversary special event station.

Fch, N7ANF, reported that the *Christmas party* plans were going well. Drinks and turkey will be provided. Everyone should bring a dish to share.

Fch also reported that the *battery hook-up transfer panel* was complete for the 440 repeater and would be installed soon.

Repeater Committee reported that the 147.88/28 repeater was back in full operation. It had needed a power amplifier replacement.

Frank, AC7JY, reported on *public relations*. We received copy of the King 5 tape of their program about ham radio. It has given us a foot in the door. We may get some coverage for a Santa radio event with children in the hospital.

Frank also reported on the *Flea Market*. A committee meeting will take place the first part of January.

Training: Jerry reported that a General class has just finished and some new ones will be starting soon.

Al, K7HW, is working on compiling *duty books* for various officer and committee duties.

Field Day: N7FY, Scott, has volunteered to help Jerry as a co-chair. A discussion was held on Long Range planning.

Old Business: The new 10 meter vertical antenna is on hand. M/S/P to do a temporary installation and M/S/P to purchase tower sections and make a permanent installation behind the garage. It could also be used for future needs. No report on equipment insurance. Treasurer is absent.

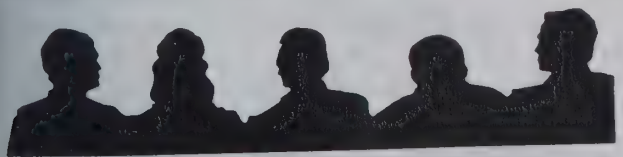
Good of the Order: Morel, W6LIX, is doing well and may be going home soon. Plans are underway for a plaque to be ready by the 16th for the Lou Simmons Room.

A discussion was held on the need for recognizing the deeds of the people who help with club projects.

In attendance: Mick, KK7QS; Worth, W7WG; Rich, N7ANF; Al, K7HW; Ed, KC7OKS; Jill, K7JIL; Frank, AC7JY; and visitors, Jerry, W7BUN, and Bud, K7BUD.

The meeting was adjourned at 9:52 PM.

Respectfully submitted,
Ed Root, KC7OKS
Secretary



TREASURER'S REPORT

de Roger, WA7ANJ

DECEMBER 2001

INCOME		EXPENSES	
ARRL	$105.00	ARRL	$103.00
BOOKS	$215.00	BOOKS	$136.59
COMSN	$12.00	HOUSE	$56.04
DUES	$335.00	EVENTS	$146.52
FLD DAY	$6.44	FEES	$37.00
COKE	$14.30	INSUR	$218.98
TOTAL:	$687.74	RENT	$220.00
		TELLY	$63.70
		CHRISTMAS	$50.00
		TOTAL:	$1031.83



NET ***- $844.09***

DECEMBER 2001 (LOSS)

ELMER TODAY VOLUNTEER!



SATURDAY SWAP AND SHOP

Saturday, FEBRUARY 23rd, at the clubhouse, from 10 AM to 2 PM. Bring items to sell (and money to buy!). Also come with those questions that haven't found answers and check out the museum or take a turn at operating the club station. See YOU there!



Radio Club of Tacoma
Membership Meeting
12 December 2001

The meeting was opened at 7:32 PM with the flag salute led by Mick, KK7QS. Introductions were made around the room.

Illness or Silent Key: Morel, W6LIX, is at home and doing well.

Correspondence: A ballot, newsletters, address corrections, QSLs, club renewals, bill for P.O. Box, bills, and a letter from the Dept. of Natural Resources received by the President. It contained a new key to the Crawford Mountain site.

Treasurer's Report: Is in the BARK.

Announcements: Jerry, W7BUN, reported that the January 9, 2002, meeting program will be on ILRP - Internet Linking Radio Project. Classes will be starting soon in January for General and Amateur Extra upgrades. This weekend is the 10-meter contest. Jerry invited anyone interested in operating or seeing how a contest is operated to stop by his station.

Jerry introduced Bill, W7IL, who had been to Heard Island in 1969. He was able to give us some insight about the island before the program video.

Program: Professional video on a Heard Island DXpedition.

Old Business: Mick thanked Jerry for the great job he had done as program chairman for the past year. He also reported on the status of the rotator for the clubhouse beam antenna.

Committee Reports: Mick also reported that in 2002 we will try to revitalize the Long Range Planning Committee and the Recognition Committee. Steve, KC7QFG, volunteered to be on the Recognition Committee. Frank, AC7JY, reported that the sign-up sheet for the Flea Market is already started. Sign up early to get your choice of assignments.

New Business: We will be erecting another tower for the club. It will be behind the garage and be used for the 10-meter vertical and future expansion. Jerry has already arranged for the club to purchase Rohn 25G sections and will be picking them up soon.

Tuning and Traffic: Reports from members who had contacted Heard Island.

Good of the Order: Rich, N7ANF, thanked all who were at the Christmas party, and all who helped with it. We had 60 people there. Ed, KC7OKS, reported that today was the 100th anniversary of Marconi's first trans-Atlantic radio contact. Jill, K7JIL, reported that we would be having the Celebration of Life for Lou, KB7WDB, on the 16th at the clubhouse. Jill also asked that she be contacted if you know of anyone who needs some "Sunshine" or becomes a Silent Key. Raffle: Al, K7HW, won a $10 gift certificate. The 50/50 money drawing of $17 was won by Chuck, KA7HJN.

Frank, AC7JY, reported that the Amateur Radio Trader is going out of business. Jerry, W7BUN, showed the Special Event QSL card and thanked Frank for his work in designing it. 27 signed the attendance roster.

The meeting was adjourned at 9:05 PM.

Respectfully submitted, Ed Root, KC7OKS, Secretary

Radio Club of Tacoma
Board Meeting
2 January 2002

The meeting was called to order at 7:30 PM by Mick, KK7QS. The minutes were approved as written.

Correspondence: Address corrections, membership renewals, QSL's, newsletters, bank statement, and ads

Treasurer: The Treasurer was ill. Report is in the Ba

Committee Reports: Jill, K7JIL, reported 2 Silent Ke They are KA7DHV, wife of Bill Morgan, W7GPR, and Tony Griesler, KA7LWM.

Repeaters: Reported by Al, K7HW. The 147.88/28 a fier was inoperative and has been repaired.

Flea Market: The committee will meet at the clubhous Friday, January 11, 2002, at 7 PM.

Planning Committee: The committee will meet Mon January 6th at 6:30 PM.

FAIR The committee reported that Shirley, N7QHW, wishes to remain involved.

Old Business: The rotor on tower has not been fixe yet. Badges are waiting a verification of price with 2 c ors. Jill reported that the "Celebration of Life" for Lou KB7WDB, went very well, and she thanked all who at tended. Rich, N7ANF, was given a big thank you for work he did organizing the Christmas party.

New Business: The 10 meter net seems to bleed or the repeater when using the wire antenna. It should cease being a problem when we use the new vertical We could also put some filters on the repeater. Som people will go up and check other frequencies after th meeting.

A report on ILRP was given by John, AC7LK. He sug gested that the club might want to get involved in this area of radio. After discussion, it was M/S/P that the dio Club of Tacoma purchase, install, operate, and su port an ILRP node.

The idea of e-mailing the Bark was tabled until we ha further cost figures.

It was agreed to maintain a club table at the Mike and Key Flea market.

Good of the Order: Mick would like any help he can e in identifying past presidents. We can get the ones s the BARK started but need some help with ones befo that.

Angela, KC7EQ, donated some equipment to the clu She has also volunteered to Elmer anyone needing h learning the code.

Present: Mick, KK7QS; Rich, N7ANF; Worth, W7W George, KK7FM; Jill, K7JIL; Frank, AC7JY, and Ed, KC7OKS. Visitors were: Al, K7HW; Ray, AC7KQ, a John, AC7LK

Adjourned at 9:22 PM

Respectfully submitted, Ed Root, KC7OKS, Secretary



Rao Club of Tacoma
Meibership Meeting
9 Jnuary 2002

Thmeeting was opened at 7:34 PM with the flag salute ledy Mick, KK7QS. Introductions were made around the .oc).

Illrss or Silent Key: None reported.

Corespondence: Renewals, QSLs, address correctiois, newsletters, bank statements.

Tnisurer's Report: It's in the BARK. A reminder to aply or new ARRL membership through the club.

Anouncements: Jerry, W7BUN, mentioned that there wa a new bulletin out about vanity call signs. He also anbunced that he had a new General Class course starting this week, and would have an Amateur Extra Class .orse starting soon. In response to a question, he stated tha we have 7 people interested in a Technician class ar as soon as we had 10 firm, we would schedule it. Th next program will be about home brew antennas, and th first February meeting will be a "show and tell."

Prgram: IRLP or Internet Radio Linking Project. The rgram was presented by Martin Johnson, KC7ZWG. H told us what it was, where it started, how it is growing, ar how to use it using his repeater on 444.000 with a oe of 103.5 and standard offset.

Cmmittee Reports: Membership: Scott, NF7Y, asked th we please use and completely fill out the membership aplication form when we renew. It is how we keep curret with addresses, e-mail addresses, and your interests. H also reported on the ***Job Duty Book/ Planning Committee*** meeting. They have identified some immediate neds such as cleaning up and repairing the clubhouse, ad improved activities for the members. Input and suggstions are more than welcome from club members.

Ettery Committee: Rich, N7ANF, reported that the emergency battery automatic switch is completely inslled on both repeaters. ***Flea Market:*** A committee reeting will be held at 7 P.M. this Friday, January 11, 202.

(d Business: The beam rotor still waiting to be repired.

lew Business: A request was made that we have a reip of the Board meeting minutes at the first General embership Meeting each month.

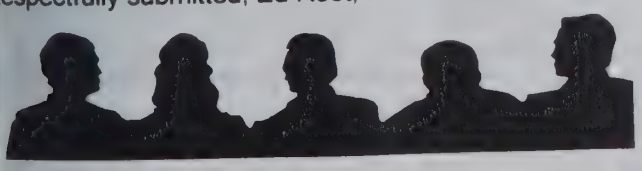
'uning and Traffic: Jerry, W7BUN, told of a new DXCC ountry, Chesterfield Island, he had received a QSL card r working. Marilyn, KJ7BN, and Don, W7DON, reported at they both received QSL cards from Morocco. A report as also made about a contact with Newfoundland using hly 5 watts.

rawing: George, KK7FM, won a $10 gift certificate. lartin, KC7ZWG, a visitor, won the 50/50 drawing for 70.50. The Grand Prize drawing of an ICOM quad band I/T was won by John, AC7LK.

1 signed the attendance roster.

he meeting was adjourned at 9:05 PM.

Respectfully submitted, Ed Root, KC7OKS, Secretary



Radio Club of Tacoma
General Membership Meeting
23 January 2002

The meeting was opened at 7:30 PM with the Flag Salute led by Mick, KK7QS.

Introductions were made around the room. We had several visitors. It was reported that Bob Lyons, KB7GTE, is feeling poorly.

Correspondence: Bills, renewals, address corrections, long distance server ad, ARRL listing, Mike & Key Flea Market flyers, Historical Society information, newsletters, and bank statements.

Treasurer: The Treasurer's report is in the Bark. Reminder to join the ARRL through the club. We get a commission and it doesn't cost you any extra. Due to a change in ARRL policy, we no longer get any commission from renewals, so please send membership renewals to the ARRL directly.

Announcements: Mick reported on an opportunity the club has to work with the Boy Scouts to help them get their radio merit badges. Volunteers are needed to help in this effort. Helping the Scouts can help promote amateur radio. We also are receiving opportunities to help in the schools. Please contact a club officer to lend a hand in these worthwhile endeavors. Jerry, W7BUN, reported on some changes being proposed by the FCC. We took a vote on allowing Novices and Technicians with code to have almost all of the HF privileges that General Class licensees currently have. We voted to oppose this. We will petition the FCC with our opposition. The next Technician class will be the second weekend in February. The next program, February 13th, will be a show and tell.

Program: Antennas. Presented by Hal, W7EC. Hal showed and told us about a multi band J-Pole, a Lazy-H HF multi-band dipole type antenna, and a 160-meter wire that works well without being very high in the air. He also volunteered to try to answer questions for people needing help and show his set-up at his home QTH.

Hints and Kinks: Make sure that you bring something to the show and tell program.

Tuning and Traffic: 160 meter CW contest this weekend. Next month 160 meter phone contest.

Reports: Shirley, N7QHW, told us to remember the Western Washington Fair is coming.

Dana, KD7KPZ, reported that **ARES/RACES** would be having a meeting at the clubhouse Saturday, February 2nd, at noon.

Reminder that fourth Saturdays will be a **mini flea market** at the clubhouse and hotdogs and potato salad will be served.

Frank, AC7JY, reported that this year's **Flea Market 2002** would have a new feature, a demonstration building. Let him know if you have something you would like to demonstrate.

Good of the Order: 50/50 Drawing of $38 was won by Lightner (there was no call sign on the attendance roster). 40 people signed the attendance roster. The meeting was adjourned at 8:41 PM.

Respectfully submitted, Ed Root, KC7OKS, Secretary

MUSEUM MUSINGS

With Worth Gurley, W7WG

Progress is being made to incorporate new activities into the club with amateur television by Mario, KD6ILO, with PSK 31 thanks to Al, AC7BU, and with planning by John, AC7LK, and others. We "antiques" are included in the Educational Shed at Pioneer Village at next summer's Club Flea Market along with other projects designed to create interest in Amateur Radio in the young and young of heart. Offers of assistance to display our old antique rigs came from Harry and Les and others. So things are looking up after the decline in activity after Morel left to be carved up to attach a new bovine heart valve and poor old W7OS with the Old Oak rig has been sitting there sadly neglected.

Then suddenly one evening I received an e-mail from someone named Al Evangelista, whom I instantly remembered as a "high speed operator" (and handsome ladies'-man) and colleague on my first real job which started September 3, 1940. That year the Federal Communications Commission was told by President Franklin Roosevelt to set up a direction finding and radio investigative unit, at first called the "National Defense Operations", later the "Radio Intelligence Division" (RID) to locate and investigate "subversive radio stations".

Al, whom I hadn't seen or heard from since 1941, had helped collect the unfinished memoirs of George E. Sterling, the chief of the RID and a well known radio pioneer, relating the World War II accomplishments, cases, and adventures of that FCC division. He was selling a loose-leaf self-published book to former RID members and families for $20. I bought one as a "Christmas Present" for myself.

In the summer of 1940 I saw the FCC job announcement in the Post Office in Springfield, Massachusetts, a couple weeks after my mother and I moved from Los Angeles 9 months after I got out of the CCC. I applied, and was accepted, mainly because I had been a Class A (like Advanced Class) amateur radio operator for a few years, could copy CW at 15 wpm, and had passed an FBI investigation. The next month's issue of QST announced this position and other pre-war "defense" related positions in a special section, but I had beaten the crowd. I was told to report to the FCC office in the Custom House in Boston where we were signed up for Civil Service at CAF 3 ($1640 per year), then bused to the regular FCC monitoring station at Hingham, Mass. That station had banks of Hammarlund Super-Pro receivers, the top of the line in communications receivers in 1940. I could hear KA6 stations in the Philippines, then governed by American forces, unusually loud and clear. A couple of days later I was assigned permanently to Boston where my first highly technical assignment was to help carry the heavy, brand-new Hallicrafters SX-28 to the elevator for movement to the 23rd floor of the Boston Custom House.

There the new NDO monitoring station was set up in an office space just off the large FCC license testing room. There were high ceilings, long-stemmed lights, and typical long government issue tables on which rested earphones awaiting the trembling ham and commercial operator license applicants who would be tested by the feared Radio Inspector (RI).

In that cubby hole was my first boss, Ralph Renton, a very nice FCC RI, who eventually became chief engineer for the FCC in D.C. I set up the station and strung a dipole out a window behind the huge clock high above the cobble stone streets of historic Boston. We had that SX-28, a Hallicrafters S-27 VHF receiver, a RCA Long-wave receiver, a frequency standard (no Frequency Counters in those days, you did your own counting of the beats), and a wax cylinder Dictaphone for recording code signals that were too fast or strange to copy directly. We had a converter to change the 115 volts DC dating from Edison's day, into 115 volts AC. We could receive almost all of the usable radio frequencies of that time.

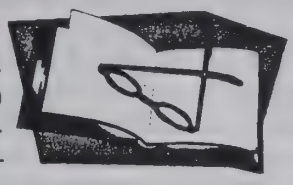
The SX-28 was an excellent receiver, almost as good as the Super Pro and almost comparable to our modern ham receivers, but unfortunately the noise from the elevators, huge clockworks, and other sources blocked out all except local broadcast stations, stronger SW broadcast stations and local hams. The SX-28 was the pride of the owner of Hallicrafters. [The two SX-28s in our storage room are among our Radio Club's most historic radios and should be fixed up for display.]

Four of us operators kept three 8-hour watches going, shifting to the next watch each week after 1 ½ days off. When it came my turn to be alone up on the 23rd floor between 1 AM and 9 AM, I tried to listen through the noise for the "cases" we were assigned to monitor. Unfortunately, around 3:30 AM someone would sneak in and press a cold, hard surface against my nose.... then I would realize I had dozed off and my nose was pressing against the operating tabletop. Often I would break the monotony by practicing code by running the paper tape through the code-testing machine in the main room. When I passed the 20 words per minute code test I got a raise to $1800 per year. One early morning about 4 AM those long lights started swinging, distant lights seemed to be moving, and I began to wonder, if when this tallest tower crashed during this earthquake, it and I would fall on nearby historic Faneuil Hall.

Often on the evening shift, I would be assigned to drive the long, black Hudson sedan to the neighborhood of a "suspicious" location in some neighboring city park in a dark alley, and spin the dial to monitor for any radio transmissions. This Hudson was fitted with a socket on the roof for the loop direction finder. The rear seat area was outfitted with an SX-28, S-27, and long wave receiver all hooked up to a whip antenna. I could hear the German short-wave BC stations broadcasting Hitler ranting and raving. Around 9 or 10 PM, I would tune in to the BBC short-wave stations broadcasting the well-known American broadcaster Raymond Gramm Swing reporting from London about the latest bombings of London and the latest conquests of Nazi Germany, but no local signals. However, I was glad that America was still at peace. *(Stay tuned...Continued next month...)*

Please send in YOUR radio related adventures for the Bark. Worth, W7WG

Amateur Radio Exams



ine Puget Sound Region as of October 2001

1st **Thursday** - 7 PM - Helen Kel- le Elementary School, 13820 10th Ave. NE, **Kirkland** - Con- ta: Brian Wood, KF7QF, 425- 4 -2361, Bothell

1s **Thursday** - 7 PM - **Bonney Lake** Library - Contact Rkann Holwege, AB7HO, 253-862-8905, Bonney Lake

2n ***Tuesday - 7:00 PM - Radio Club of* Tacoma *Clubhuse, 1249 S. Washington St. - Contact Shirley Murpy, N7QHW, 253-265-3661, Gig Harbor***

2r **Thursday** - 7:00 PM - **Ft. Lewis** Radio Club - Contact Bi Thompson, K7OLY, Tumwater, 360-236-9048

2r **Saturday** - 10 AM - **Tukwila** - Telephone Wireless Pioneer's Museum, 7000 W. Marginal Way, Contact Mary Lwis, W7QGP, 206-523-9117, Seattle

3r **Monday** - 6:30 PM - **Shelton** - Timberland Library, 710 W Alder St. - Contact Rick Colton, W7SMC, 360-426-1716, Shelton

3r **Tuesday** - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 23-638-1495, Maple Valley.

3r **Saturday** - 9:00 AM - **Ferndale** - American Legion Hall, 5837 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3r **Saturday** - 1 PM - **Renton** - Salvation Army Hq, 720 Robin Street - Contact Jan VanAllen, K7YH, in Kent, at 206-824-9039.

4t **Saturday** - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave. Contact Rick Bender, NX7W, 360-249-4671, Montesano

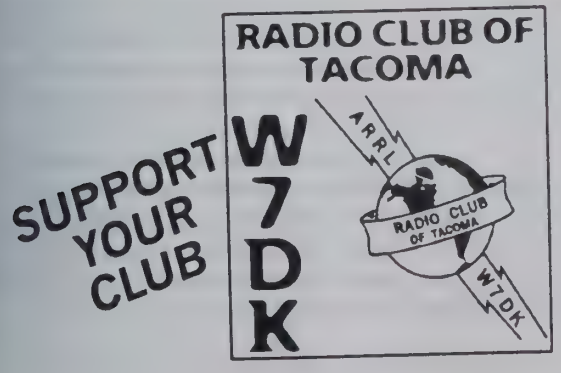
4h **Wednesday** - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4h **Thursday** - 7:00 PM - **Ft. Lewis** Radio Club - Contact Bill Thompson, K7OLY, Tumwater, 360-236-9048

4h **Saturday** - 10 AM - **Everett** - Everett Housing Authority - 14th and Popular - Contact Loren Hole, KK7M, 425-335-5158, Lake Stevens

4h **Saturday** - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Contact Walt Winters, AA7TL, 360-692-8326, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 12306 30th Ave East, Puyallup, WA 98373 - 253-845-7652



TUESDAY NIGHT NET DECEMBER CHECK-INS

CALL	NUMBER OF CHEK-INS	
K3ROT	1	BYRON
W7AEA	2	MAX
KJ7BN	2	MARILYN
AC7BU	2	AL
K7BUD	2	BUD
W7BUN	3	JERRY
K7DBU	1	JACK
W7DO	1	GARY
W7DON	2	DON
KD7DVT	1	TRACY
N7EAY	2	ALAN
W7EC	2	HAL
AC7EQ	1	ANGELA
KK7FM	2	GEORGE
N7FOW	1	JOHN
KD7IGY	1	WILMA
W7IMW	3	JACK
KA7IOX	1	SCOTT
WA7IVO	1	NICK
K7JIL	1	JILL
KC7JME	3	NORA
AC7JY	1	FRANK
KD7KPZ	1	DANA
AC7KQ	1	RAY
KD7KPY	1	KEITH
AC7LK	2	JOHN
KD7NES	1	GWEN
KD7NPT	1	TODD
WA7OHG	3	WADE
KC7OKS	1	ED
KB7QAG	3	JEFF
N7QHW	1	SHIRLEY
N7QHX	1	TOM
N7QOZ	3	BOB
KK7QS	2	MICK
KK7QW	2	PETE
W7RW	2	ANDY
K7RX	1	KEVIN
K7SAA	2	ED
W7SKI	2	BOB
KG7SM	1	BOB
KB7SVX	1	JEAN
N7VPB	2	JOANN
KC7VUM	1	LOU
W7WG	1	WORTH
AB7WJ	1	BILL
WA9RMK	1	WILLARD

NET CONTROLS		
DEC	4	KK7QS
DEC	11	KA7IOX
DEC	18	AC7BU
DEC	25	NO NET

ARRL RCT VE Team Report

In January 2002, we tested 16 candidates during the VE Testing session. Out of the 16, nine either upgraded their license or achieved a new license. Of the remaining seven candidates, two successfully passed the element attempted but received no upgrade and the other 5 were unsuccessful in their attempt to pass the requested test elements. Overall, there were 15 test elements given: 11 were passed and four were failed for a percentage rate of 73% passing. Achievements included six Technician Class licenses, one General Class license and two Amateur Extra Class licenses.

Congratulations to club member Chuck Kemmer, KC7UFR, who passed the Amateur Extra Class written element and is now an Amateur Extra Class licensee.

Congratulations to all the new amateur radio operators and stay tuned for further exam testing results in the future.

73, Shirley, N7QHW, Radio Club of Tacoma VE Team Liaison

◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet.

ARRL BOARD ADOPTS MODIFIED NOVICE BAND REFARMING PLAN THE ARRL

Board of Directors has adopted a modified proposal to refarm the Novice bands, now that the FCC no longer issues Novice licenses. The Board met January 18-19 in Fort Worth, Texas. The ARRL Novice Spectrum Study Committee had proposed allowing Novice and Tech Plus (or Technician with Element 1 credit) licensees to operate CW on General-class 80, 40, 15 and 10-meter CW segments at up to 200 W output. The panel recommended refarming the current Novice/Tech Plus CW subbands, in part to allow expansion of phone allocations on 80, 40 and 15 meters. The Board approved a modified plan that would leave in place or slightly trim the amount of additional phone spectrum the committee had recommended for 75 and 15 meters. The amended plan would drop the US phone band to 3725 kHz on 75 meters but leave it at 21,200 kHz on 15 meters. The original plan called for dropping both by 25 kHz. The 75-meter proposal would expand the phone band by 50 kHz for Generals over the present allocation and by 25 kHz for Advanced and Extra licensees. On 15 meters, Generals would get another 25 kHz of phone spectrum, but phone privileges for Advanced and Extra class operators would stay the same. The Novice Spectrum Study Committee's original recommendations for 40 and 10 meters were accepted. The ARRL plans to propose the modified refarming plan to the FCC later this year along with other regulatory requests. The Board also deferred until its July meeting a decision on whether to cut "Section News" and contest "line scores" from QST and move them to the ARRL Web site as part of an effort to stem ARRL operating losses. Before deciding to relocate the QST content, the Board said, it wants members to be "aware of the reasons for the proposed relocation and the enhanced capabilities available on the Web site." The Board said it also wants to evaluate "variations and alternatives" to the proposal. The Board did decide to eliminate the minutes of its own meetings--published as "Moved and Seconded"--from QST. Minutes already are posted on the ARRL Web site and will be made available via alternative means to members lacking Internet access. The Board also voted to accept several changes to the field organization rules, as the Volunteer Resources Committee recommended. According to the new rules, "The Section Manager is accountable for carrying out the duties of the office in accordance with ARRL policies established by the Board of Directors and shall act in the best interests of Amateur Radio." Section managers will be proscribed from "committing, obligating, or binding the League" without review by the Field and Educational Services Manager and approval of the ARRL president. Among other changes, the revised rules will prohibit a section manager removed from office for running in the next SM election following removal. Anyone removed by action of the Executive Committee would have to get that committee's consent to be eligible to run again. The Executive Committee also will have the power to cancel any field organization appointment "whenever it appears to be in the best interest of the ARRL to do so." The Board also modified the ARRL by-laws to say that anyone removed from office by recall "shall not be eligible to be a candidate for director or vice director for three years following removal from office." The Board further resolved to petition the FCC for reconsideration in ET Docket 98-156, by comments in ET Docket 01-278, and "by other necessary means" in order to elicit "a clear statement from FCC acknowledging the limit of its statutory jurisdiction to authorize the manufacture and sale of unlicensed Part 15 devices." The Board resolved to extend the ARRL's "most sincere condolences to the families and friends of the radio amateurs who lost their lives on September 11, 2001." The Board also commended and honored amateurs "who generously volunteered their time and expertise during the rescue and recovery efforts on September 11 and thereafter." The Board holds its next meeting in July in Windsor, Connecticut.

FCC AFFIRMS $10,000 FINE IN AMATEUR-BAND PIRATE CASE

The FCC has fined a Texas man $10,000 for transmitting without a license on an Amateur Radio band. Following a Notice of Apparent Liability (NAL) issued in September, the FCC affirmed the $10,000 fine in a December 26 Forfeiture Order to David Edwin Merrell of Wichita Falls. The FCC said Merrell did not respond to the NAL.

In its earlier NAL, the FCC said it was acting on "numerous complaints" from the amateur community that an unidentified station operating on 7235 and 7238 kHz in the 40-meter band was causing "intentional interference to authorized communications." The FCC's High Frequency Direction Finding network determined that the signal was located in the Wichita Falls area. Last June, agents in the FCC's Dallas office monitored an unidentified station on 7220 kHz and determined that the transmission was coming from Merrell's residence. "The station did not identify and transmitted only one-way broadcasts," the FCC said.

During as station inspection, Merrell "admitted to the transmissions and stated that he did not have a station operator license," the FCC said. Unconfirmed reports to the FCC indicate that Merrell may have continued to occasionally transmit on 40 meters following the FCC visit.

"Considering the entire record and applying the statutory factors listed above, this case warrants a $10,000 forfeiture," the FCC concluded. Merrell has 30 days from the date of the Order's release to pay the fine. If not paid, the matter could be referred to the Department of Justice for collection.

ARRL OFFERS ON-LINE "ANTENNA RESTRICTIONS 'HOW TO' CHART"

The ARRL Regulatory Information Branch has made available a "triage center" of sorts for amateurs facing the prospect of dealing with various roadblocks to erecting an antenna system at their residence. The new "Antenna Restrictions 'How To' Chart" page <http://www.ARRL.org/FandES/field/regulations/ant-how-to-charts.html> offers three separate outlines that help users to locally work through issues involving local government zoning restrictions; deed covenants, conditions and restrictions (CC&Rs); or rental/lease restrictions relating to antenna structures.

The prime focus is on dealing with Local zoning restrictions to putting up an antenna structure and how to make the best possible case at a local regulatory board hearing. Some of the advice there applies to CC&Rs and rental/lease situations too.

"Remember: at the hearing, your presentation will be 80% of the battle, and 100% of the basis for any record, if the case ends up going to court," the "Important Notice" on the page advises.

Each "how to" outline is structured around a series of questions--much like a logic or flow chart. Depending on the answer, the user is referred to specific information or additional resources. The page also offers some step-by-step suggestions. For example, the local government zoning outline suggests 10 steps to those seeking to change an overly restrictive local amateur antenna ordinance. One of them is to obtain the ARRL book Antenna Zoning for the Radio Amateur ($49.95; order Item 8217 from ARRL via the Online Store <http://www.arrl.org/catalog/?category=&words=8217> or order by calling toll-free 888-277-5289). Written by attorney Fred Hopengarten, K1VR, the book offers detailed information on working with local governments and describes proven techniques and strategies that amateurs can employ in efforts to obtain an antenna-structure permit.

As the page emphasizes up front, however, neither this book nor the outlines on the "Antenna Restrictions 'How To' Chart" page are intended as substitutes for advice from an attorney.

The local government zoning outline also offers suggestions and information for amateurs who would like their legislature to incorporate the limited federal preemption known as PRB-1 into their state's laws. So far, only 13 states have done so, but bills are still in the works in a few others.

The page offers limited guidance to those confronting CC&Rs--an issue facing more and more amateurs these days--and to those who rent or lease their homes and still want to be able to install an antenna--a situation where PRB-1 does not apply. In both instances, affected amateurs are advised to develop and present logical and persuasive cases for being allowed to install an antenna system--much as they would have to do when dealing with a local government.

Help available for viewing and filing FCC comments

The ARRL Web site now offers help for those planning to file comments electronically with the FCC in petitions for rulemaking and other FCC proceedings that invite public comments. Visit the "How to File Comments on FCC Proceedings" page <http://www.arrl.org/FandES/field/regulations/news/filing_hints.html>. Information on the page explains about the FCC's Electronic Comment Filing System (ECFS) <http://www.fcc.gov/e-file/ecfs.html> and includes practical tips on how to use it. The page also decodes some of the FCC's acronyms, such as NPRM, NOI and R&O, and explains their purpose in the regulatory process.

FCC INVITES COMMENTS ON FOUR AMATEUR RADIO PETITIONS

The FCC is seeking comments on four Amateur Radio rule making petitions filed recently and put on public notice this week. Comments are due by February 7, 2002, in petitions seeking to legally separate wideband and narrowband modes on 160 meters; to allow hams to bequeath their call signs "in memoriam" to a specific club; to expand HF operating privileges for Novice and Tech Plus operators; and to permit retransmission on amateur frequencies of NASA manned spacecraft communications.

A proposal from veteran Top Band operators and contesters Bill Tippett, W4ZV, and Jeff Briggs, K1ZM, asks the FCC to subdivide 160 meters into mode-specific subbands. The petition, submitted to the FCC last September, has been designated as RM-10352. Tippett and Briggs contend that the ARRL band plan for 160 meters--modified last year after lengthy consideration by the ad hoc ARRL 160-Meter Band Plan Committee on which both men sat--does not go far enough and is unenforceable. They want the FCC to prohibit SSB, AM and other wideband modes below 1.843 MHz--something the revised ARRL band plan <http://www.arrl.org/FandES/field/regulations/bandplan.html#160m> already recommends.

A copy of Briggs' book, DXing on the Edge--The Thrill of 160 Meters, accompanied their 18-page petition to the FCC. The book is published by ARRL <http://www.arrl.org/catalog/6354/>. Tippett and Briggs made it clear that while the topic of their petition did arise during the ARRL committee's deliberations, their petition is an independent effort with no connection to the committee or the ARRL.

The Quarter Century Wireless Association (QCWA) has asked the FCC to change its amateur vanity call sign system rules to permit individual amateurs to, in effect, will a call sign to a designated club as an "in memoriam" call sign. The FCC has designated the petition, submitted in December, as RM-10353. The QCWA notes that the current vanity rule "excludes current licensees from speaking for themselves" while they're still alive and "requires their relatives to speak for them post mortem."

Novice licensee John S. Rippey, W3ULS, has petitioned the FCC to expand HF phone and CW privileges for Novice and Technician (with Element 1 credit) operators. The FCC has designated the petition, submitted in December, as RM-10354. Rippey held a General ticket in the 1950s and 1960s and got his former call sign back after relicensing as a Novice in 1999. He argues, among other things, that "the HF operating privileges au-

thorized today for a Novice or Technician Plus license fall far short of providing adequate value." Rippey has asked the FCC to grant Novice and Technician (with Element 1 credit) licensees new or expanded operating privileges on 80, 40, 30, 17, 15, 12 and 10 meters. His suggestions include SSB privileges for Novices and Tech Plus licensees on 17 and 12 meters.

The NASA John H. Glenn Research Center Amateur Radio Club is seeking a modification in wording to the Part 97 rule that already permits amateur retransmission of NASA manned shuttle communications. The petition has been designated as RM-10355. The club wants the Amateur Service rule, Sec 97.113(e), to include International Space Station communications as well as any manned spacecraft in the future.

Interested parties may comment on any or all of these petitions via the FCC's Electronic Comment Filing System <http://www.fcc.gov/e-file/ecfs.html>.

FCC REALLOCATION RETAINS AMATEUR RADIO'S 219-220 MHZ SLOT

Amateur Radio's secondary allocation at 219-220 MHz remains intact in the wake of an FCC spectrum reallocation of the 216 to 220-MHz band, among others. The FCC declined, however, to go along with ARRL's request to expand amateur access to 216 to 220 MHz. On a brighter note, the Commission potentially relieved spectrum competition for Amateur Radio at 2.3 GHz by making space available elsewhere.

The FCC acted December 21, 2001, in ET Docket 00-221 and in several other proceedings that it lumped into a single Report and Order and Memorandum Opinion and Order released January 2, 2002. The FCC Order reallocated 27 MHz of spectrum in seven bands from government to non-government use. Some of the spectrum will be put up for bid in public auctions. The Commission allocated the 216-220 MHz band to the fixed and mobile services (co-primary), although some government systems in the band will remain.

"We are pleased that the FCC has found suitable spectrum for MicroTrax and AeroAstro other than at 2300-2305 MHz," ARRL Executive Vice President David Sumner, K1ZZ, referring to two commercial competitors. "We hope this will clear the way for an upgrade to primary status at 2300-2305 MHz for the Amateur Service."

MicroTrax has sought access to 2300 to 2305 MHz and other bands for a proposed Personal Location and Monitoring System to enable tracking of people and objects. AeroAstro has proposed sharing the band with amateurs on a co-primary basis for its Satellite Enabled Notification System global messaging system. Both indicated interest in the 1670-1675-MHz band; MicroTrax also has said that 2385-2390 MHz might be a good fit. The FCC also noted comments from ArrayCom that the 1670-1675-MHz band would be suitable for its i-BURST high-speed data system, now operating experimentally at 2.3 GHz.

Sumner was less enthusiastic about the FCC's action at 216-220 MHz as it impacts the Amateur Service. "While the limited secondary allocation to the Amateur Service at 219-220 MHz is being maintained, the more intensive use of 216-220 MHz by commercial services is likely to preclude amateur use of the band in many parts of the country," he commented.

The amateur allocation at 219-220 MHz is secondary to the Automated Maritime Telecommunications System (AMTS). Within the 1 MHz of spectrum, Amateurs may install and operate point-to-point digital message-forwarding systems, but only under strict limitations that require coordination with and sometimes approval by AMTS licensees. The ARRL had hoped to expand opportunities for point-to-point digital messaging systems, but the FCC said amateurs already have access to other bands for that purpose and denied the request.

The Order in ET Docket 00-221 is available on the FCC Web site <http://www.fcc.gov/Bureaus/Engineering_Technology/Orders/2001/fcc01382.pdf>

NEW UK FOUNDATION LICENSE PROVIDES HF ACCESS VIA "MORSE ASSESSMENT"

A new class of Amateur Radio license in the United Kingdom will make the HF bands much more accessible to newcomers as well as to Class B VHF-only "no code" licensees. The new Foundation license, which became effective January 1, does not require a specific Morse code examination. Instead, applicants must pass a short test and complete what's called a "Morse assessment." According to the Radio Society of Great Britain (RSGB), 600 of the new licenses were issued the first week.

The new license provides holders with access to most bands from 136 kHz through 440 MHz–with the notable exception of 10 meters–using CW, SSB, or digital modes. Foundation licensees may operate with 10 W output using only commercially manufactured equipment or "properly designed" commercial kits. Licensees will be issued call signs from the M3AAA-M3ZZZ series. The new license scheme followed discussions between the RSGB and the Radiocommunications Agency, or RA–the United Kingdom's telecommunications regulatory agency. The new ticket also is available to residents of the Channel Islands and the Isle of Man.

Current UK Class B licensees who have held the ticket for at least a year may obtain a Foundation license simply by taking the Morse assessment. There is no Morse speed requirement, and applicants are provided with a copy of the Morse alphabet and "coding" and "decoding" information sheets. The RSGB says the entire Morse assessment takes about 30 minutes.

Passing the Morse assessment will enable Class B licensees to operate on the HF bands as Foundation licensees, using their M3 call signs, while continuing to have privileges above 30 MHz under their Class B ticket.

Currently unlicensed newcomers have to complete a Foundation license training program being offered through the RSGB and pass a 20-question multiple-choice test, in addition to the Morse assessment. The class involves about 10 hours of hands-on training in safety, basic operating concepts, regulations and licensing requirements and can be completed in a weekend.

Last September, the RA reduced the Morse requirement from 12 WPM to 5 WPM for the Class A "full"

;ense in Britain and incorporated the Class A/B license to Class A. The former Novice license has been re-amed the Intermediate license, and the power limit was ised from 10 W to 50 W. The RA also has instituted an pprenticeship program in the UK that lets unlicensed ainees operate under supervision and contact other UK censees.

More information on the new license is available n the RSGB Web site <http://www.rsgb.org>.

CC DENIAL LEAVES LEAGUE EYEING :ONGRESSIONAL ACTION ON DEED RESTRICTIONS

The ARRL got the proverbial lump of coal in its tocking in late December, but it wasn't from Santa. The :CC affirmed a November 2000 staff-level decision that leclined to include privately imposed deed covenants, :onditions and restrictions--CC&Rs--under the limited fed-ral preemption known as PRB-1. That policy requires nunicipalities to "reasonably accommodate" amateur :ommunication in antenna-related zoning and regulation.

The ARRL a year ago appealed to have the full :CC review the earlier denial. The Commission turned down the League's Application for Review December 18 n a Memorandum Opinion and Order released December 26.

"There has not been a sufficient showing that CC&Rs prevent Amateur Radio operators from pursuing the basis and purpose of the Amateur Service," the FCC said. The Commission said hams still can get on the air without installing residential antenna systems by operating away from home, while mobile or at club stations.

The FCC said it recognizes the importance of preserving the integrity of contractual relations that CC&Rs represent. It asserted that the ARRL had submitted no specific evidence that would persuade it to abandon its long-standing policy of excluding CC&Rs from PRB-1.

ARRL President Jim Haynie, W5JBP, expressed disappointment in the Commission's ruling. "The biggest problem Amateur Radio operators face today is being able to put up an antenna," Haynie said. "Our only approach now is to get a bill into Congress."

The FCC itself even hinted that Congressional action ought to be a next logical step. "However, should Congress see fit to enact a statutory directive mandating the expansion of our reasonable accommodation policy," the FCC declared in its MO&O, "the Commission would expeditiously act to fulfill its obligation thereunder."

Haynie conceded that extending PRB-1 protection to CC&Rs would be "a tough sell" to members of Congress. He noted, however, that it's getting more difficult all the time for amateurs to find desirable housing that does not come with deed covenants and restrictions. "It's extremely serious for the amateur community, because it restricts what hams will be able to do in the future," he said.

The topic is likely to be the focus of additional discussion at this month's meeting of the ARRL Board of Directors.

In its Application for Review in late 2000, the ARRL maintained that the FCC should have the same interest in the effective performance of an Amateur Radio station and in the promotion of amateur communications regardless of whether the licensee's property is publicly regulated or privately governed by homeowners' associations and their architectural control committees.

A copy of the FCC's Memorandum Opinion & Order in RM-8763 is available on the FCC Web site <http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-01-372A1.doc>.

FCC ASKS BROADCASTER, POWER COMPANY TO HELP CURE WEIRD INTERFERENCE

The FCC has written a Cincinnati AM radio station and the electric utility serving that region to help resolve an unusual and longstanding interference situation affecting local amateurs. Sharon Bowers of the FCC's Consumer Information Bureau in December wrote Clear Channel-owned WLW and Cinergy Corp citing numerous reports of apparently spurious signals associated with WLW transmissions that have been monitored over a wide area and frequency range.

"Many of these reports indicate that, although the noise is associated with WLW transmissions, the strongest signals appear to be originating some distance from the WLW transmitter site, possibly on a high-voltage tower owned by Cinergy Corp," Bowers wrote. The FCC said the circumstances suggest that multiple sources of interference are involved. According to the FCC database, WLW operates on 700 kHz with 50,000 W into a single, top-loaded half-wave vertical tower.

One of the amateurs affected--Bob Reiff, WA8ULW, of Mason, where WLW's tower is sited--said that while the noise is most noticeable on 160 meters, it's showing up elsewhere. "It is pervasive in the spectrum," Reiff told ARRL, "and, we suspect, it is causing us problems even on our 2-meter repeater."

The FCC said that Reiff and the other complainants attempted unsuccessfully for the past two years to work with WLW and Cinergy.

Bowers noted that WLW and Cinergy already have "expended considerable efforts" to locate the noise source and cause, but the noise remained "as strong as ever according to recent reports." She noted that the noise became intermittent after some recent work done on a Cinergy high-voltage tower, and she expressed the FCC's appreciation for the cooperation to date. But, Bowers admonished, the FCC expects the responsible party to address any reports causing harmful interference to a licensed radio service.

"While the Commission recognizes that this is an unusual case, and the source could turn out to be something unexpected," Bowers wrote, "the Commission is turning to the radio station and electric utility company, asking for your help and cooperation in finding the source of the noise."

Ohio ARRL Section Manager Joe Phillips, K8QOE, credited the activities of the Greater Cincinnati Local Interference Committee with helping to bring the interference case to the FCC's attention.

FCC DESIGNATES COMPUTER HACKER'S HAM TICKET RENEWAL FOR HEARING

Citing character issues, the FCC has designated for hearing the Amateur Radio license renewal application of convicted computer hacker Kevin D. Mitnick, N6NHG. Mitnick's history of illegal computer-related activity–which includes several convictions and prison sentences–dates back more than a decade. Not long after his latest US District Court conviction in August 1999, Mitnick filed with the FCC to renew his General ticket.

"Mr. Mitnick's criminal background raises a substantial and material question of whether he possesses the requisite character qualifications to be and remain a Commission licensee," the FCC said in a Hearing Designation Order released December 21. "Given his propensity to engage in criminal activities, particularly those involving fraud, we have serious reservations about Mr. Mitnick's ability to comply with our rules and regulations in the future."

Mitnick, 38, has been licensed for about 25 years. In 1999, Mitnick was sentenced to 46 months in federal prison, the FCC said, after pleading guilty to wire fraud, computer fraud and illegally intercepting a wire communication--all felonies. Prior to that, the FCC Order stated, he'd received a 22-month term for possessing cloned cell phones and for violating his supervised release after a 1989 conviction for computer fraud. He's currently on probation following his January 2001 release from federal prison.

This is not the first time that the FCC has attempted to apply character issues to a ham radio license renewal case. In designating Mitnick's license renewal for hearing, the FCC invoked the case of Herbert Schoenbohm, ex-KV4FZ, whose lengthy efforts to renew his amateur license were scuttled on the basis of character issues that, in part, stemmed from a 1992 federal fraud conviction.

The Order also referenced the case of Leslie Brewer, ex-KC4HAZ, whose license was revoked and a fine levied last year after the FCC said he lacked the basic character qualifications to be and remain a Commission licensee on the basis of his "pirate radio and other unlawful activities."

Mitnick's license expired December 12, 1999, but he may continue to operate until action is taken on his renewal application. The FCC's Order is available on the FCC Web site <http://www.fcc.gov/Daily_Releases/Daily_Business/2001/db1221/fcc01359.doc>.

QUESTION POOLS TO REMAIN VALID FOR FOUR YEARS

The Question Pool Committee of the National Conference of Volunteer Examiner Coordinators has announced that starting with the new Amateur Extra (Element 4) question pool released November 30 and going into effect this July 1, all question pools will be valid for four years. QPC Chairman Scotty Neustadter, W4WW, says the shift from a three to a four-year schedule will enable the QPC to do a better job in developing syllabi and pools for the various examination elements and allow more opportunities for public input.

RADIO CLUB OF TACOMA

W7DK

SIGN UP FOR THE FEBRUARY

NO-CODE

TECHNICIAN CLASS

ACHIEVE AN ENTRY LEVEL LICENS

IN ONE WEEKEND

Saturday, February 9, 2002

&

Sunday, February 10, 2002

Sponsored by:

The Radio Club of Tacoma

1249 South Washington Street

Tacoma

CONTACT

JERRY, W7BUN, @ 253-845-765

TO REGISTER FOR THE CLASS

Course Fee - $10

(For Handouts and Refreshments)

Books are available for $19

Examinations - February 12 - 7 PM

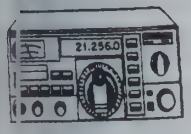
$10.00 Fee

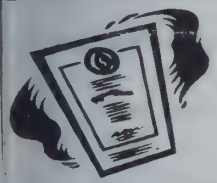
10 METER NET

CHECK-INS

DECEMBER

K7DBU	(4)	Jack
K7JIL	(4)	Jill
AC7JY	(4)	Frank
KD7AAG	(3)	Mark
KD7IBU	(3)	Bob
KC7UFR	(3)	Chuck
N7ANF	(2)	Rich
W7EC	(2)	Hal
W7GFC	(2)	George
K7JF	(2)	Jeff
AC7LK	(2)	John
KD7LZT	(2)	John
KD7MJR	(2)	Claud
KC7ZWM	(2)	Jessica
WA7ANJ	(1)	Roger
WA7GHE	(1)	Eric
WA7JGO	(1)	Andy
WA7OHG	(1)	Wade
KD7OPT	(1)	Carol
N8PSJ	(1)	Pete
KB7QAG	(1)	Jeff
KK7QS	(1)	Mick
KK7QW	(1)	Pete
KB7SC0	(1)	Mike
W7WG	(1)	Worth





FIRST CONTACT AWARD

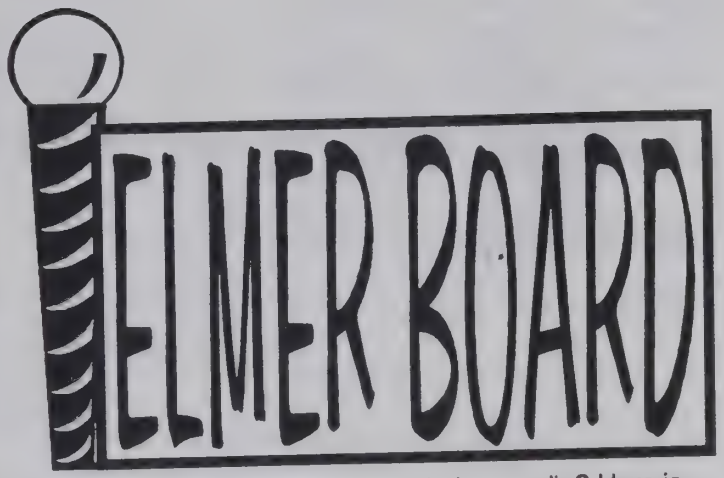
Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First

▶▶▶ ADDRESS CHANGES ◀◀◀

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail.

Send changes to : Radio Club of Tacoma PO Box 11188 Tacoma, WA 98411-0188 or give them to Scott Clausen, NF7Y, at meetings, telephone @ 253-925-8637 or email shebang@qwest.net

If you are simply changing from your summer to winter address or vice versa you can notify Shirley Murphy, N7QHW, @ 253-265-3661 or email sundance@harbornet.com or Scott as indicated above.



Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members area their areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment

Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Frank, AB7YZ	253-752-8520	2,3
Roger, WA7ANJ	253-475-4293	1,2,3,4,7,8,11
Angela, KC7EQ		2

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the board!

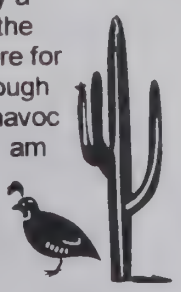
(Ed. Note – We need more volunteers on the elmer board. Please add your name to the list!)

Editor's Notes

de Kathleen, NØEYK



Greetings from AZ! It is beginning to get warm after a fairly cool couple of months. January was a travel month for me, one planned, one unplanned. I went to Maine to visit my folks and enjoy the snow! I still remember how to drive in it! A few days after my return, I made an emergency trip to Tacoma to deal with a break-in at our storage locker...and to enjoy a little Tacoma ice and snow! Unfortunately, the news from there is not good. Then back here for freezing nights and snow very near by! Enough with the snow! The trip to Tacoma played havoc with my normal end of month schedule so I am even later than normal. I do apologize for the tardiness and hope that you enjoy this info packed issue. See you next month.



73, Kathleen (kathleen@naceplace.com)

RADIO CLUB OF TACOMA
PO BOX 11188
TACOMA, WA 98411-0188

[ ] NEW MEMBER (ONE APPLICATION PER MEMBE

[ ] RENEWAL (ONE RENEWAL FORM PER FAMILY (

MEMBER CATEGORY: [ ] FULL [ ] SENIOR [ ] ASSOCIATE [ ] FAMILY [ ] LIFE [ ] STUDENT [ ] REINSTAT

Name_____ Call_____ Class_____ Birthday_____

Address_____ City/State_____

Zip+4_____ Home Phone(____)_____ Work Phone(____)_____

e-mail _____ Publish phone number/e-mail in the Club Roster? Yes [

Former Call(s)_____
Are you a Volunteer Examiner Yes [ ] No [ ] If Yes, which VEC_____

Occupation (or former occupation)_____ Employer_____

Are you a member of: ARRL [ ] ARES/RACES [ ] MARS [ ]

FAMILY MEMBERS NAME, CALL, AND LICENSE CLASS (RENEWALS ONLY)

_____

_____

_____

THE RADIO CLUB PARTICIPATES AND SUPPORTS THE FOLLOWING ACTIVITIES EACH YEAR. PLEASE MARK THE
FRONT OF THE ACTIVITY OR ACTIVITIES THAT YOU WILL HELP SUPPORT. WE URGENTLY NEED YOUR HELP AND SU
PLEASE CONSIDER AT LEAST ONE ACTIVITY THAT WE CAN COUNT ON YOU TO SUPPORT.

[ ] AWARDS BANQUET
[ ] FIELD DAY
[ ] RCT FLEA MARKET
[ ] BOOTH AT THE WWA FAIR
[ ] SWEEPSTAKES IN NOVEMBER
[ ] VE TEAM
[ ] LOGGER'S BARK MAILING PARTIES
[ ] TEACHING CLASSES
[ ] SCOUTS JAMBOREE IN OCTOBER
[ ] BEING AN ELMER
[ ] ARES/RACES
[ ] N KITSAP FLEA M
[ ] OTHER MISC CON
[ ] MIKE & KEY FLEA
[ ] RCT MUSEUM

Other hobbies, expectations, comment:_____

Do you own a computer? Yes [ ] No [ ] If so, what type?_____

How did you hear about the Radio club?_____

Seven dollars ($7.00) of your annual dues is the subscription fee for the Club's monthly newsletter(The Logger's a

Club badges are available for $9.00. If you would like a badge, please PRINT the following:

Badge Name_____ Badge Call Sign_____

Applicant's Signature_____ Date_____

ANNUAL MEMBERSHIP DUES: FULL OR ASSOCIATE MEMBER $30
FAMILY MEMBER (AT SAME ADDRESS, FIRST TWO) $15 EACH (ALL ABOVE 2 A
SENIOR MEMBER (65 AND OVER) $25 FULL-TIME STUDENT (UP TO AGE 25) $1
LIFE MEMBERSHIP = 20 TIMES ANNUAL DUES (PAYMENT PLAN AVAILABLE)

FOR RCT USE ONLY

Dues received $_____ Treasurer's initials_____ Date_____
Badge fee rcvd $_____ Treasurer's initials_____ Date_____

Receipt Number_____ Radio of Tacoma Membership Number_____

MAR/
APR
2002

THE LOGGER'S BARK
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Tacoma, WA 98411

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COMING EVENTS



APR 3 - **Board Meeting - Clubhouse, 7:30 PM** - All members welcome.

APR 6 - **Pinochle Potluck** - 7 PM, Clubhouse Set your clocks ahead...

APR 9 - **License Exams** - 7 PM - Clubhouse

APR 10 - **Club Meeting** - Library Administration Center, 7:30 PM
Program: **SUNSPOTS, SOLAR FLARES, AND GEOMAGNETIC ACTIVITY**

APR 15 - BARK deadline

APR 24 - **Club Meeting** - Library Administration Center, 7:30 PM
Program: **THE HISTORY OF PACEMAKERS**

LAST SATURDAY - **APR 27- Swap and Shop** - 10 AM to 2 PM, Clubhouse

MAY 1 - **Board Meeting - Clubhouse, 7:30 PM** - All members welcome.

MAY 4 - **Pinochle Potluck** - 7 PM, Clubhouse

- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- ***Check in on the 10 Meter Net every Sunday evening, 8 PM, on 28.375 MHz USB***
- **See page 3 for meeting program schedule.** Check the weekly net for updates to the program schedule. .

WELCOME SPRING!

April 2002

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 April Fool's Day Nora Simmons KC7JME *	2 Stef Thordarson KB7PKF * 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	3 James Kinney WT7Y * Jeff Hanson WB7NND * Ross Cunningham KC7UFM * Nina Archer KD7JDY * 7:30 PM RCT BOARD MTG	4 Jessica Carter KD7LZW * Martha Box N7GUE *	5	6 Steven Raeder KD7OQE* Lloyd Larson W7LUI * 9:00 OPEN HOUSE 7:00 PM PINOCHLE POTLUCK
7 Daylight Savings Begins William Lucas KB7IHB * Mike Scott KB7UXU * Carl Klawuhn LC7LBE * Alan Ferguson N7OMS *	8	9 Harry Wong N7DOE * 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	10 Rich Hieb WB7PYS * 19:30 General Membership Meeting	11 Robert Teitzel WA7ZZA *	12	13 Lee Myers W6PZF * Donald Kuehne K7DK * 9:00 OPEN HOUSE
14 Hap Arnold Jr. KB7UXD *	15 Joe Winter WZ7M *	16 Jerry Hathaway K7ETU * Bob Gorham KB7SWW * 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	17	18 Bernard Martek KD7GOE *	19 John Makebakken N7FOW * Robert Churchward W7RXS *	20 Mick Pier KK7QS * 9:00 OPEN HOUSE
21 Bill Reuter W7KT * Pat Morgan N7CAK *	22 John Ege KC7FGG *	23 Chandler Ellis KC7EYZ * 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	24 19:30 General Membership Meeting	25 Robert Gates K7IND *	26 Owen Nelson KB7UXP * Vern Hase KD7GTZ *	27 Robert Edwards N7HXX Swap and Shop 10 AM to 2 PM Clubhouse 9:00 OPEN HOUSE
28 Mary Ann Iseri KD7HYX *	29 David Casey N7DJC *	30 Tom Dailey N7LTI 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R				

* HAPPY BIRTHDAY!

RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXIX NR. 3 & 4 W7DK MARCH-APRIL 2002

FROM THE PRESIDENT

Mick, KK7QS

As I walk through the clubhouse, I notice a lot of things that need to be repaired or maintained. The floors, the walls, and the windows have fallen victim to age and use. The clubhouse in general just needs a lot of TLC. The Board of Directors has agreed to form a committee to handle the necessary repairs or upgrades. This committee will be responsible for providing recommendations and estimated costs to the board for approval. After recommendation and approval, work crews will be needed to do the actual work. We will have several work parties throughout the summer to make the repairs to the clubhouse and the grounds. We also have a tower to erect. There will be many opportunities to step in and help your club. Speaking of towers, we have a brand new Tailtwister T2X rotor on our existing tower rotating the beam. Van Hughes, KB7SVU, and I, KK7QS, climbed the tower on Sunday, February 24th, to make the change. Other than having to jack the mast up about 6 inches, the job went very well. All the right plugs and cables were already there. Just plug and play.

Aside from all the work, we also have some fun and relaxing events coming up. We have W7DK at the Beach on June 9th at Owen Beach. We also have Field Day on the weekend of June 22nd. It will be held at the LeMay property (Marymount), the same place as last year. Both of these events promise to be a lot of fun for all. For information on W7DK at the Beach, you can contact Bud, K7BUD. For Field Day information your contact is Jerry, W7BUN. Both of these events are a good chance to put faces on all those voices you have been hearing on the radio. We are looking forward to having a fun and productive summer this year.

The club is also renewing the "Loggers Certificate" program. Nick, WA7IVO, has taken charge of this project (thanks Nick). I've been President for going on 2 years now and have never awarded a Loggers Certificate. So keep track of all your contacts with RCT members. (10 contacts will get you a "Loggers Certificate". For each additional 10, you get an add-on endorsement). Some of our club members have several hundred contacts on their certificates. You need to log call sign, name, and date. So pick up that microphone, or grab that keyer. (You know what they say, "use them or loose them." So let's use our radio privileges, and never forget to have fun. 73 de KK7QS

IN THIS ISSUE...

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- ▶ **ARRL NEWS** - Page 12
- ▶ **STATION MANAGER'S REPORT** - Page 10
- ▶ **MUSEUM MUSINGS** - Page 7
- ▶ **CONTESTS** - Page 3

Radio Club of Tacoma License Exams

APRIL 9, 2002

7 PM RCT Clubhouse

1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $10. For information call: Shirley Murphy, N7QHW @ 253-265-3661

Next session should be May 14, 2002

RADIO CLUB OF TACOMA -- 1999

PRESIDENT	MICK PIER	KK7QS	847-8223
V PRESIDENT	MOREL GUYOT	W6LIX	838-5433
SECRETARY	ED ROOT	KC7OKS	851-7463
TREASURER	ROGER TERWILLIGER	WA7ANJ	475-4293
BOARD (5)	AL BURLESON	K7HW	474-9023
	WORTH GURLEY	W7WG	582-3844
	RICH MANSON	N7ANF	474-8883
	GEORGE NOBLE	KK7FM	756-1127
	FRANK PALMER	AC7JY	539-1685
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	ROGER NACE	K8RN	209-5624
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COMPOSITOR	KATHLEEN NACE	NØEYK	209-5624
PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 253-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350 #14060, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. ***The Logger's Bark*** does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in ***The Logger's Bark*** if credit line is included in the report.

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

SUNSHINE & CONGRATS

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please contact Jill Palmer, K7JIL, (253)539-1685 or e-mail, hamtalker2@aol.com

W7DK/Radio Club of Tacoma

147.28 / .88 MHz **144.97 - Packet**
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Joe Baldassari, KD7PAU — RCT 211
4105 101st Street Ct NW
Gig Harbor, WA 98832 — 253-851-677
Email: jbzmailbox@aol.com

Don Leonard, WD7OKJ — RCT 211
4524152nd St E
Tacoma, WA 98446-3947 — 253-537-378
Email: leonard@tacomatug.com

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7330 53rd st Ct W
University Place, WA 98467 — 253-564-868
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Fred C Swan, KC7ZWD — RCT 21
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University Place, WA 98467-1711 — 253-564-732
Email: swanstellabyrd@aol.com

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Email: peter.welty@nsc.com

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9907 Lake Steilacoom Dr. SW
Steilacoom, WA 98498 — 253-984-67(

Geoff Howell, KD7QBC ✓ — RCT 21
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Steilacoom, WA 98498 — 253-984-67(
Email: geoff72005@msn.com

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Spanaway, WA 98387-7315 — 253-846-03(
Email: kertonf@juno.com

Jill Kerton,KB7JMZ — RCT 21
5125 216th St Ct E
Spanaway, WA 98387-7315 — 253-846-03(
Email: kertonf@juno.com

Robert Pensworth, KC7HIR — RCT 21
6628 S Lawrence St
Tacoma, WA 98409-4013
Email: bobnmyrt@pensworth.net

William J. Childers, KD7NJV ✓ — RCT 21
1620 South 118th Street
Tacoma, WA 98444-2413 — 253-531-41(

...Continued next page...

Reinstatements

Address/Phone Changes/Corrections

Robert L. Edwards, N7HXX
P.O. Box 307
Manchester, WA 98353-0307

Karyl L. Edwards,N7KWF
P.O. Box 982
Tracyton, WA 98393-0982

Thomas Sadler, KC7UFX * Use for all RCT mail only
5127 112th St S.W.
Lakewood, WA 98499

Donald Severeid, K7LMN * Mid-April to mid-October
17006 93rd Ave E
Puyallup, WA 98375

E-Mail Address Changes/Additions
New Calls/Upgrades

James Kinney, WT7Y jimwt7y@aol.com

Harvey Bishop, W7RMI hyb4000@aol.com

Dennis F. Level, KC7VUL denco50@aol.com

Silent Keys

Merton Box, KA7NRA
John Sabourin, W7ZTI 1/30/02
John McCaw, N7AGC 2/12/02 (Former Member)
John Bryan,KD7LZT 2/06/02



PINOCHLE



PINOCHLE & POTLUCK
Saturday, April 6th, 7 PM
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898
Next gatherings- May 4th, 7 PM, June 8th, 7 PM



APRIL CONTESTS MAY

April 6-7
Missouri QSO Party--CW/SSB--sponsored by the Boeing Employees Amateur Radio Society of St Louis (BEARS)
MARAC County Hunters Contest--SSB
EA RTTY Contest
46th Annual QCWA QSO Party

April 13-14
QRP ARCI Spring QSO Party--CW

April 20-21
4th Annual SETI QSO Party - CW/SSB
Michigan QSO Party--CW/SSB
TARA PSK31 Rumble
GACW DX Contest "Mr. Samuel Morse Party - CW
Holyland DX Contest--CW/SSB
Ontario QSO Party - CW/Phone

April 27-28
Florida QSO Party
Nebraska QSO Party--CW/SSB

May 4-5
IPA Contest
MARAC County Hunters Contest, CW
10-10 International Spring Contest, CW
Microwave Spring Sprint
Indiana QSO Party, CW/SSB
New England QSO Party, CW/Phone

May 11-12
Nevada QSO Party--CW/SSB/RTTY
Oregon QSO Party--CW/SSB
FISTS Spring Sprint--CW
50 MHz Spring Sprint

May 18-19
His Majesty King of Spain Contest, CW

May 25-26
CQ WW WPX Contest--CW
QRP ARCI Hootowl Sprint--CW

May 27-28
MI QRP Memorial Day CW Sprint



Want more info, check
www.arrl.org/contests

COMING PROGRAMS AT RCT

WEDNESDAY, APRIL 10TH - SUNSPOTS, SOLAR FLARES, AND GEOMAGNETIC ACTIVITY
(THIS PROGRAM WAS ORIGINALLY TO BE PRESENTED IN MARCH, BUT WAS POSTPONED DUE TO GARY'S WORK SCHEDULE) RCT member, Gary Martek, W7DO, will explain the intricacies of the ionospheric layers that provide long distance communication for radio amateurs. He will discuss how sunspot numbers and solar flux are related, what takes place with a coronal mass ejection, and how to find and use the A index and K index in order to understand current propagation conditions.

WEDNESDAY, APRIL 24TH - THE HISTORY OF PACEMAKERS
Dr. Tom Murphy, N7QHX, is a new member of the "bionic" group. He will explain what pacemakers are. Max Bice, W7AEA, had the first pacemaker inserted west of the Mississippi River in 1958 when he was president of the Radio Club of Tacoma. Pacemakers are like tiny transceivers. They sit for years is a monitoring mode until there in no hea beat for 1.2 seconds. Then they transmit an electrical impulse to the ventricle at a rate of 75 beats per minute. When the heart returns to a normal rate above 50 beats per minute, it turns off and monitors again. Tom will demonstrate pacemakers from the 1958 version to the latest model.

NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW
TO CONTINUE
RECEIVING YOUR BARK



...and the QSL CARD for this month is...

ALBANIA

This mountainous, Balkin state is bordered by the Adriatic Sea, Yugoslavia, and Greece. Its population of 3 million people has suffered many decades of very strict rule and a closed society, but is now becoming more open to the international community of nations. Albania has an interesting history, and is rich in natural resources and natural beauty.

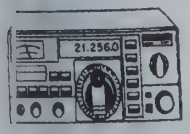


10 METER NET

CHECK INS

JANUARY

KD7AAG	(4)	Mark
N7ANF	(4)	Rich
K7DBU	(4)	Jack
K7JIL	(4)	Jill
AC7JY	(4)	Frank
WA7OHG	(4)	Wade
W7WG	(4)	Worth
W7GFC	(3)	George
AC7LK	(3)	John
AC7KQ	(2)	Ray
KD7OPT	(2)	Carol
AC7QN	(2)	Chuck
AC7BU	(1)	Al
K7BUD	(1)	Bud
KK7FM	(1)	George
WA7GHE	(1)	Eric
KD7IBU	(1)	Bob
K7JF	(1)	Jeff
W7JHU	(1)	Dick
W6LIX	(1)	Moral
KD7NES	(1)	Gwen
KC7OKS	(1)	Ed
KJ7PE	(1)	Ed
N8PSJ	(1)	Pete
KK7QS	(1)	Mick
KC7SAA	(1)	Ed
W7XDX	(1)	Nelson
KC7ZWM	(1)	Jessica



FEBRUARY

N7ANF	(4)	Rich
K7JIL	(4)	Jill
AC7JY	(4)	Frank
WA7OHG	(4)	Wade
AC7QN	(4)	Chuck
KD7AAG	(3)	Mark
KD7DBU	(3)	Jack
AC7LK	(3)	John
AC7BU	(2)	Al
KC7EQ	(2)	Angela
W7GFC	(2)	George
KD7IBU	(2)	Bob
WA7IVO	(2)	Nick
W6LIX	(1)	Moral
K7BUD	(1)	Bud
W7EC	(1)	Hal
WA7GHE	(1)	Eric
AC7KQ	(1)	Ray
KC7LZL	(1)	Garfield
KD7NES	(1)	Gwen
KD7OPT	(1)	Carol
KC7OKS	(1)	Ed
KB7QAG	(1)	Jeff
KK7QW	(1)	Pete
KC7SAC	(1)	Berry
W7WG	(1)	Worth
W7XDX	(1)	Nelson

ELMER BOARD

Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members area their areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment

Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Frank, AB7YZ	253-752-8520	2,3
Roger, WA7ANJ	253-475-4293	1,2,3,4,7,8,11
Angela, KC7EQ		2

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the board!

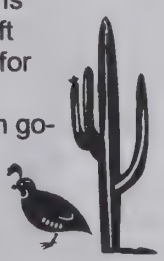
(Ed. Note – We need more volunteers on the elmer board. Please add your name to the list!)

Editor's Notes

de Kathleen, NØEYK



Hi again from sunny AZ! The temperature this week has been running in the low 90s every day...and my van has a sick air conditioner! So today it is in the shop. Our building projects are coming along. We have added an enlarged patio area and will be pouring a pad for the motorhome next week. Over the patio area we have a free-standing , with a 10'x12' shed at one end. Just finished putting up the drywall so now it is time for tape and mud. Then we will add a loft area for storage of things that can stay here for the summer. All my extra things have been stacked on the patio for this season and I am going to be SO glad to put them away...just in time to leave... O well, next season! Be back in the NW in June. See you next month.



73, Kathleen kathleen@naceplace.com

MEETING MINUTES

Radio Club of Tacoma
Board Meeting
6 February 2002

The meeting was called to order at 7:36 PM. The minutes of the previous meeting were approved as written.

Correspondence: Membership renewals, address corrections, newsletters, bank statements, QSLs, and insurance information.

Treasurer's Report: The Treasurer was absent

Committee Reports:

Public Relations: Frank, AC7JY, reported that he is still working with Roger, WA7ANJ, and Todd, KD7NPT. Discussion followed on how, with the President asking for more volunteerism, to get our message out about amateur radio.

Training: There is a class for entry-level hams this weekend. There was discussion on the need to do more recruiting from the new trainees. A suggestion was made that a better place may be at the testing session.

Repeaters: Can we get ID on the 147.88/28 repeater to delay a little so a call sign can be given? Jill will call the repeater chairperson on this.

Flea Market: We are getting started. Flyers are already made and being sent out. We will have free demos in one of the buildings this year.

Field Day: Now is the time to get started on the PR. and maybe some training instead of waiting until the last minute.

Western Washington Fair: Already getting some volunteers for spots at the booth. More will be needed. Also needed are ideas on the display for this year.

Antiques: All are back now. Working on identifying the equipment, checking it, and making an inventory.

Planning Committee: Discussed the museum and its needs.

Old Business:

Badges: A sample badge from Bib John's Engraving was approved. We will get them there in the future.

Rotor: M/S/P to purchase a new heavy-duty rotor, rather than trying to repair the old one. Estimated cost is about $600.

10-meter vertical antenna not up yet.

New Business: None

Illness/Silent Key: Tom Murphy, N7QHX, back home and doing OK. Dana Marshall, KD7KPZ, also home and doing well. ***Silent Keys***: Merton Box, KA7NRA, and John Sabourn, W7ZTI.

Good of the Order: Tom Murphy has volunteered to help us in an effort to get grants.

We need to utilize the e-mail network more to try to increase the attendance at club and Board meetings.

Discussion on donated equipment procedures. The Board and the Equipment Custodian will review the proposal and discuss it at the next Board meeting.

A thank you to Angela for donating some items to the club.

Present: George, KK7FM; Frank, AC7JY; Jill, K7JIL; Morel, W6LIX; Worth, W7WG; Rich, N7ANF; and Ed, KC7OKS. Visitors were, Angela, KC7EQ; Al, K7HW; Ray, AC7KQ, and Bud, K7BUD.

The meeting was adjourned at 9:16 PM.

Respectfully submitted,

Ed Root, KC7OKS, Secretary, Radio Club of Tacoma



TREASURER'S REPORT

de Roger, WA7ANJ

JANUARY 2002

INCOME	
ARRL	$128.00
BADGES	9.00
BOOKS	311.50
DONATION	20.00
DOOR PRIZE	117.50
DUES	2299.00
FM REFUND	487.50
FIELD DAY	24.89
TOTAL	**$3397.39**

EXPENSES	
ARRL	$113.0
BOOKS	183.8
CLASSES	7.5
CLUB	56.0
INSURANCE	710.6
MISC (DP)	269.9
TAXES	228.0
TELEPHONE	63.7
UTILITIES	363.3
TOTAL	**$1996.1**
JAN. NET	**$1401.2**



SATURDAY SWAP AND SHOP

Saturday, APRIL 27th at the clubhouse, from 10 AM to 2 PM. Bring items to sell (and money to buy!). Also come with those questions that haven't found answers and check out the museum or take a turn at operating the club station. See YOU there!



TREASURER'S REPORT

de Roger, WA7ANJ

FEBRUARY 2002

INCOME

BOOK SALES	$232.00
CLASSES	132.00
FIELD DAY	8.47
RCT DUES	75.00
TOTAL:	**$447.47**

EXPENSES

BOOKS COST	$194.30
EQUIPMENT	599.00
FEES	25.58
AT&T BB	50.20
TOTAL:	$859.08
NET:	-$421.61



MARCH 2002

INCOME

BOOK SALES	$258.00
FIELD DAY	16.30
RCT DUES	1095.00
DPRZ	90.00
DONATION	5.00
BADGE	18.00
TOTAL:	$1482.30

EXPENSES

CLUBHOUSE	$61.16
EQUIPMENT	325.00
FEES	11.75
OFFICE	10.84
TAXES	841.13
TELEPHONE	127.72
AT&T BB	23.28
UTILITIES	397.09
TOTAL:	$1797.97
NET:	-$315.67



▶▶▶ ADDRESS CHANGES ◀◀◀

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail.

Send changes to : Radio Club of Tacoma PO Box 11188 Tacoma, WA 98411-0188 or give them to Scott Clausen, NF7Y, at meetings, telephone @ 253-925-8637 or email shebang@qwest.net

If you are simply changing from your summer to winter address or vice versa you can notify Shirley Murphy, N7QHW, @ 253-265-3661 or email sundance@harbornet.com or Scott as indicated above.

MUSEUM MUSINGS

In the summer of 1941 I was sent out to the large unit in Millis, Massachusetts 40 miles away to be one of the operators of the Adcock Direction Finder, an excellent designs which made possible accurate bearing on high frequency sky waves. It had a long arm with vertical elements at the ends and an operating shed in the center. I would spend my 8 hours tuning to stations about which the high-speed operators would alert me over the intercom, copy a minute or two of the message, and manually rotate the arm to get slightly shifting nulls. This was a useful, interesting, but lonely, assignment out in the woods.

In the Fall I was sent back to Boston. During that time the S-27 and I were sent for 10 days to the Coast Guard Boston Lightship to get "out-of-state" evidence on an unlicensed "bootlegger" operator on the 5-meter band amateur band who had said, "To hell with the FCC." Heard him talking to Rhode Island and I had to testify before a Grand Jury. After all that, he received a suspended sentence.

About a month after Pearl Harbor I was offered a job with GE working on "radio location devices" which, after being sworn to secrecy, I was told were called "RADAR", a highly classified secret word, working on circuit development at 95 cents per hour plus overtime. Those with EE degrees got $1.00 per hour.

In my new copy of this fascinating book, The History of the Radio Intelligence Division Before and During World War II, 1940-1945 by George E Sterling, former Chief of the RID and former FCC Commissioner, I read "the rest of the story" of several cases which in my year and a half I had monitored and taken bearings.

There was the case of a station signing "Fritz" operating in the 40-meter band and on military frequencies (sending messages from the "Nazi high command" to WAR at the War Dept.). Fritz turned out to be two stations, both tracked down by Adcock DF sets in various RID monitoring stations and finally FCC men using the specially designed Hudson sedan mobile stations. One was an EE student, similar to a modern "hacker", who was sentenced, and one was a would-be ham, just out of the mental hospital to which he was returned.

There was the station signing "AOR" which always had a strong signal in 14-mc range, often sending messages to "UK" which we heard often and on which we took bearings. I read in the book that it was a Nazi German station in Hamburg communicating with a station on Long Island. The RID located the latter station, but was prevented from arresting operators of that station. Later it was revealed that it was a successful FBI counter-intelligence operation resulting in many convictions about which the Nazis at AOR in Hamburg did not learn for some time. Later, this episode was reported in a detective magazine and the Reader's Digest.

During the War the RID had operations in Alaska, South America, the Philippines, North Africa, and elsewhere, often assisting the military intelligence

with its superior direction finding network. The book relates how the Germans trained their spies in radio espionage. They required each operative to send only at his assigned speed, then, during training their characteristic "fists" were carefully noted. That way the stations in Germany could identify each spy station without any call sign being sent. The Nazis designed and built a standard spy station, which fit in a suitcase and contained everything needed for the operator to easily set up in a secret overseas location and report back to Germany. [Not quite like Mario's suitcase emergency station, but innovative for the 1940s]

A final quote, "The monitoring officers and radio operators were recruited from industry and the amateur ranks. In fact, about 80% of the men in RID, including its Chief, were or had been amateurs. They made a tremendous contribution to the defense of their country..."

As for Al Evangelista: The former high speed operator, over the phone sounding quite energetic for 85, confided that he waited until 39 to marry, then wedded a younger lady, a nurse, who gave birth to a baby every year for five years, skipped a year and had one more. "We were very busy!" he said.

No wonder his FCC buddies issued him the call letters W3ZIP.

****

Please send in YOUR radio related adventures for the Bark. Anyone interested in reading about WW II FCC radio adventures let me know.

Worth, W7WG





TUESDAY NIGHT CHECK-IN
JANUARY

NET CONTROL STATIONS

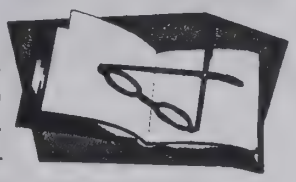
JAN	1	KK7QS
JAN	8	KA7IOX
JAN	15	AC7BU
JAN	22	K7BUD
JAN	29	W7BUN

CALL	CHECK-INS	NAME
KD6ILO	1	MARIO
KD7AAG	1	MARK
W7AEA	3	MAX
N7AHR	1	BOB
N7ANF	1	RICH
W7BBO	1	MARK
KK7BI	1	CANDY
KJ7BN	4	MARILYN
AC7BU	5	AL
K7BUD	1	BUD
W7BUN	5	JERRY
N7BUW	1	BOB
N7CEO	1	LINK
K7DBU	4	JACK
W7DON	4	DON
N7EAY	1	ALAN
W7EC	3	HAL
KC7EQ	5	ANGELA
N7ETS	1	JIM
N7ETT	1	DONNA
WB7FDE	1	DONNA
N7FIR	1	MEL
KK7FM	3	GEORGE
KD7FVT	1	TRACY
KD7IGY	2	WILMA
W7IMW	3	JACK
KA7IOX	4	SCOTT
WA7IVO	1	NICK
N7IXO	1	ERIC
K7JIL	3	JILL
KC7JME	5	NORA
AC7JY	3	FRANK
KD7KPY	3	KEITH
KD7KPZ	2	DANA
AC7KQ	2	RAY
AC7LK	4	JOHN
KD7LZT	2	JOHN
KD7NES	3	GWEN
WA7NOQ	3	JOHN
WA7OHG	5	WADE
KC7OKS	3	ED
KD7OPH	1	TERRY
KD7OPJ	1	AL
KD7OPT	1	CAROL
AE7P	1	JOHN
KC7PAI	1	KARL
KB7QAG	5	JEFF
N7QHW	4	SHIRLE
N7QHX	4	TOM
N7QOZ	3	BOB
KK7QS	3	MICK
W7RW	3	ANDY
W7SKI	2	BOB
KG7SM	1	BOB
KB7SVU	1	ALAN
KC7VUQ	2	JONO
WA7WAL	3	ERIC
W7WG	2	WORTI
AB7WJ	4	BILL
KB7WYK	1	MARGA
RET		
NF7Y	3	SCOTT
KC7ZWG	1	MARTY
KC7ZWM	1	JESSIC



Amateur Radio Exams

in the Puget Sound Region as of March 30, 2002



st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, **Kirkland** - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

nd Tuesday - 7:00 PM - Radio Club of* Tacoma *Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor

nd Saturday - 10 AM - **Tukwila** - Telephone Wireless Pioneer's Museum, 7000 W. Marginal Way, Contact Mary Lewis, W7QGP, 206-523-9117, Seattle

rd Monday - 6:30 PM - **Shelton** - Department of Emergency Management - Contact Rick Colton, W7SMC, 360-426-1716, Shelton

rd Tuesday - 7 PM - **Maple Valley** - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

rd Saturday - 9:00 AM - **Ferndale** - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

rd Saturday - 1 PM - **Renton** - Salvation Army Hq, 720 Tobin Street - Contact Jan VanAllen, K7YH, in Kent, at 206-824-9039.

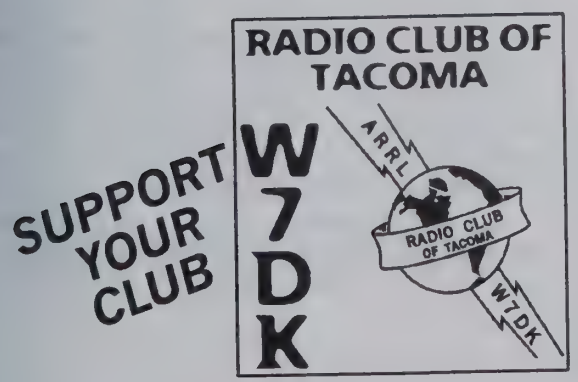
rd Saturday - every 4th month - 9:30 AM - **Montesano** High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

4th Wednesday - 6:30 PM - **Everett** - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4th Saturday - 10 AM - **Everett** - Everett Housing Authority - 14th and Popular - Contact Loren Hole, KK7M, 425-335-5158, Lake Stevens

4th Saturday - 9:30 AM - **Bremerton** - Room T-114, Technical Bldg, Olympic College - Lincoln Ave. Contact Sue Johnson, AB7MD, 360-697-9379, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - 253-845-7652



TUESDAY NIGHT NET FEBRUARY CHECK-INS

CALL	NUMBER OF CHEK-INS	NAME
K3ROT	1	BYRON
KD6ILO	2	MARIO
W6LIX	1	MOREL
W7AEA	4	MAX
N7ANF	1	RICH
KJ7BN	4	MARILYN
AC7BU	3	AL
W7BUN	3	JERRY
N7CEO	2	LINK
K7DBU	4	JACK
W7DON	4	DON
W7EC	1	HAL
KC7EQ	4	ANGELA
KK7FM	3	GEORGE
KD7FVT	1	TRACY
KD7HOM	3	BILL
K7HW	1	AL
KD7IGY	2	WILMA
W7IMW	3	JACK
KA7IOX	3	SCOTT
KD7JDY	1	NINA
K7JIL	2	JILL
KC7JME	3	NORA
AC7JY	2	FRANK
KC7KCY	1	RANDY
KD7KPY	3	KEITH
KD7KPZ	2	DANA
AC7KQ	1	RAY
KR7L	1	RICHARD
AC7LK	4	JOHN
KD7NES	2	GWEN
WA7NOQ	2	JOHN
WA7OHG	4	WADE
KC7OKS	2	ED
KD7OPT	2	CAROL
KB7QAG	3	JEFF
KD7QBC	1	JEFF
KD7QBD	1	LIUCAS
N7QHW	1	SHIRLEY
N7QOZ	4	BOB
KK7QS	2	MICK
KK7QW	1	PETE
W7RSF	1	RUSSELL
W7RW	2	ANDY
K7SAA	3	ED
KC7SAC	1	BARRY
W7SFO	3	RYAN
W7SKI	3	BOB
KB7SVX	3	JEAN
NW7U	1	SCOTT
KC7VUQ	2	JONO
W7WG	2	WORTH
AB7WJ	2	BILL
NF7Y	2	SCOTT
KB7ZDR	2	MIKE
KC7ZWG	2	MARTY

NET CONTROLS	
FEB 5	KK7QS
FEB 12	KA7IOX
FEB 19	AC7BU
FEB 26	AC7BU

THANK YOUS...

All

Good job, and an impressive list of helpers. A big thanks is due everyone, you too Jill for the speedy (even with interference) procurement of the rotor.

73, Al, K7HW

Mick Pier wrote:

The rotor has been installed on the Beam and is working. Alan Hughes and I were able to get it installed with the help of Bub / k7bud, Scott / nf7y, John / ac7lk, and Carol / kd7opt. Thanks to these members for their time. "73" Mick / kk7qs

Editors Note: I received these in my e-mail and thought that everybody should see them and say THANKS!

QST QST QST

From the W7DK Club Station

HF Net every SUNDAY
28.375 MHz USB
2000 Hrs. Local

FEBRUARY REPORT

February has been a slow month around the club station and I am still looking for ideas on how to get better utilization of the station. Ed, KC7OKS, has mentioned that maybe some of the members would like some training on the equipment. I think that this is an excellent idea. I would hate to think that there are people would like to operate the station but are afraid of damaging the radio. I will look into setting up a regular date each month to be available for a short training class. Maybe the weekend following the VE testing session would be a good time. Lets get all the new hams or every one that has just upgraded on the air!

Speaking of training, I operated the club station and put on a demonstration for the students of the last Tech class. With the 10-meter band wide open, I was able to work lots of stations from all over the states and proved to them that you could work coast to coast with QRP. The students seemed to be very impressed with the station and I hope they will upgrade soon and be able to work HF from the club station.

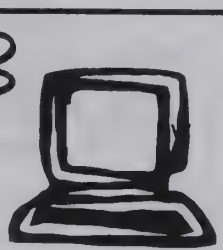
The beam antenna is still secured off to the east, but a new rotator has been received and will be installed as soon as Alan, our chief tower climbing rat, can find time in his schedule to install it. The new rotator is a much heaver duty unit (a tail-twister) and we hope will last longer. I will also look into installing a break delay board into the control as suggested by Jerry, W7BUN.

Last of all I would like to thank Eric, WA7GHE, for coming down to the clubhouse and helping me run the 10 Meter net each Sunday for the last few weeks. Eric has agreed to act as a net control on a regular basis if I am not able to do it. If there is anyone else that would like to assist me as the station manager, please contact me. The more hands we have involved, the more we can do as a club and W7DK will be a call that every one recognizes on the air!

Please join us on 10 meters each Sunday evening at 28.375 USB 8:00 pm for our HF net. 73 Lynn, KB6OKS

Lynn KB6OKS W7DK station manager 253-853-5973 KB6OKS@JUNO.COM

ON THE WEB
www.w7dk.org
Come see us!



MARCH REPORT

Is it spring yet? With all the snow, wind, and [i]n we have had in March, I was beginning to wonder! W did see a few breaks in the weather and were able to [g]et the new rotator installed and the beam operational a[g]ain. Braving the elements (or at least the threat) Mick, KK7QS, and Alan, KB7SVU, climbed the tower on Fe[b]ruary 24th and installed the new rotator, assisted by the watchful eyes of the ground crew. Jerry, W7BUN, ha[s] procured a brake delay and it should be installed by t[he] time you read this issue of the Bark. My thanks go to [ev]eryone that helped with this project.

Taking advantage of another weather windo[w] I assembled and installed the new 10-meter vertical a[n]tenna on the west tower guy support pole. Al, K7HW [w]as able to supply some commercial tower mounting bra[c]kets that allowed me to attach the antenna to the pole with [a] minimum of work and made for a professional looking [in]stallation. Thanks Al. After using the vertical antenna [fo]r the last few weeks on the Sunday 10-meter net, I am [ve]ry impressed with its performance, even with it being lo[w] to the ground. I am really looking forward to seeing it in[-] stalled on the new tower at 40 feet!

The winds of March did however bring an en[d] to the G5RV antenna. I hope to have a replacement in[-] stalled soon (hopefully by the time you read this) so [we] will be able to operate on the 40 and 80-meter bands again. I just need another weather window...or am I j[u]st pressing my luck? Stay tuned for an update on this p[ro]-ject.

I would like to thank all of you that used the [c]lub station and made contacts during the world wide DX [co]n-test in March It was sure nice to see all of those log e[n]-tries! Remember that the station is there for all to use. Any General or Amateur Extra Class licensee can act as the control operator. I will be setting up some training dates soon on how to use the equipment. Check into one of the club nets or check the club web site for updates on upcoming training dates. If you are a new ham and have not operated on the HF bands before or do not have a home station, this will be an excellent time to get your feet wet! You can also come down to the clubhouse each Sunday evening and sit in during the 10-meter net. This is also a good way to get some training on net operations or just see what it's like to be the net control station. Eric, WA7GHE, and I would love to see you! 73 for now

T. Lynn Neece, KB6OKS, W7DK Station Manager, (253) 853 5973, KB6OKS@JUNO.COM

ARES/RACES

...de Dana Marshall, KD7KPZ,

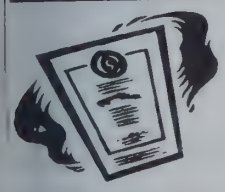
You can get involved if you have access to the Internet. Check out the ARES/RACES web site at http://piercecounty.danawheels.net and log into the ARES/RACES message board. Use your call sign to register as a member of the message board.

Do you want to get more involved? Simply contact Alan Hughes, KB7SVU at 253-840-4947 and let him know.

73, Dana, KD7KPZ,
360-897-9015
kd7kpz@danawheels.net
Assistant EC, Pierce County ARES
Assistant Radio Officer, Pierce County RACES

<http://piercecounty.danawheels.net>





FIRST CONTACT AWARD

Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First

AREA SWAP MEETS

11 May 2002
Stanwood-Camano ARC Stanwood, WA
Contact: John McCann, N7MZ
Phone: 360-629-2921
Email: huppert@whidbey.net

31 May, 1-2 June SEAPAC 2002

14 Sept 2002 Radio Club of Tacoma FleaMarket
Contact: Frank Palmer, AC7JY
3817 169th Street, Ct. E
Tacoma, WA 98446
Phone: 253-539-1685
Email: hamtalker@aol.com



SCHEDULE YOUR SWAPMEET VISIT

STAMPS FOR CHILDREN



I am trying to collect stamps for the Shriner's Hospital for Children. They can either contact me, Bob, KD7IBU, or send the stamps to the following address:

Stamp Club
Shriner's Hospital for Children
2425 Stockton Blvd
Sacramento CA 95817

Thanks. Bob Tompkins, KD7IBU

◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet.

ARRL ASKS FCC TO ELIMINATE, "REFARM" NOVICE CW BANDS

The ARRL has asked the FCC to eliminate the 80, 40 and 15-meter Novice/Technician Plus CW subbands as such and reuse that spectrum in part to expand the phone allocations on 80 and 40 meters. In a Petition for Rule Making filed March 22, the League requests that the FCC revise its Amateur Service rules in accordance with the modified Novice band "refarming" scheme the ARRL Board of Directors okayed in January. The Petition has not yet been put on public notice for comment.

"The opportunity to eliminate the Novice and Technician-Plus telegraphy subbands and the reapportionment of those inefficiently deployed segments will allow alleviation of significant, sometimes critical, overcrowding in the popular Amateur HF allocations," the ARRL said in its Petition.

The ARRL also cited "substantial advancements in the use of digital techniques" in the HF bands--such as PSK31--to bolster its assertion that a refarming plan for the underutilized Novice HF subbands "cannot wait longer and must proceed now." The refarming plan adopted was based on the recommendations of the ARRL Novice Spectrum Study Committee following a survey of the amateur community last year. Under the proposal, no operator class would lose privileges, and most would gain.

If the FCC approves the plan, current Novice and Technician Plus (ie, Technician with Element 1 credit) licensees would be permitted to operate on the 80, 40, 15 and 10-meter General-class CW allocations at up to 200-W output. For General and higher class operators, the ARRL wants the FCC to implement changes in the 80, 40 and 15-meter "phone" bands.

On 80 meters (3500-4000 kHz), phone privileges would begin at 3725 kHz for Extra, at 3750 kHz for Advanced and at 3800 kHz for General--another 25 kHz for Extra and Advanced operators and another 50 kHz for Generals. On 40 meters (7000-7300 kHz), phone privileges would begin at 7125 kHz for Advanced and Extra and at 7175 kHz for General--25 kHz more for Extra and Advanced operators and another 50 kHz for Generals. On 15 meters (21,000-21,450 kHz), phone privileges would begin at 21,200 kHz for Extra, at 21,225 kHz for Advanced and at 21,275 kHz for General--no change for Extra and Advanced but 25 kHz more for General. On 10 meters, the ARRL has recommended no changes other than to accommodate CW, RTTY and data by Novice and Tech Plus licensees at 28.0 to 28.3 MHz.

The ARRL suggested that its proposed configurations strike the right balance between the need for additional phone spectrum and the important goal of encouraging further development of narrowband data modes in the CW segments.

The ARRL's "omnibus" petition also asks the FCC to permit amateurs to use spread spectrum on the 222-225 MHz band; expand the pool of special event c signs beyond the 1x1 format to include identifiers for U territories and possessions that do not provide for maili addresses; clarify its rules to indicate that modulated C (MCW) is permitted for repeater station identification; a to incorporate into its rules a 1990 FCC waiver authoriz ing amateurs in certain areas of Colorado and Wyomin to operate on certain segments of the 33-cm band. The League invited the FCC to consolidate its omnibus peti tion with other pending Amateur Radio-related petitions now before the FCC.

A copy of the ARRL's complete Petition for Rul making is available on the ARRL Web site <http://www arrl.org/announce/regulatory/refarm/>.

PRESIDENT HAYNIE CALLS DC VISIT "BEST YET" FOR HAM RADIO

ARRL President Jim Haynie, W5JBP, says Am teur Radio got a positive reception during his fourth official visit to Washington, DC. Haynie headed a contingent of ARRL officials and staff members February 26 to March 1 that included stops at th FCC and on Capitol Hill.

"In my mind, it was the best trip we ever had," Haynie said. "This was more of a working trip than any of the previous." Haynie's entourage included ARRL General Counsel Chris Imlay, W3KD; Hudson Division Director Frank Fallon, N2FF; Legislative and Public Affairs Manager Steve Mansfield, N1MZA; and Technical Relations Specialist Jon Siverling, WB3ERA

Haynie and Imlay met with FCC Office of Engineering and Technology Chief Edmond J. Thomas and OET staffers. The stop included a second ex parte pre entation to OET staff members by ARRL to address co cerns raised by a SAVI Technology proposal to deploy Part 15 RF identification tags in the vicinity of 433 MHz t much greater field strengths and duty cycles than thos now permitted for such devices. Also discussed were t ARRL's pending petitions for low-frequency allocations t 136 kHz and 160-190 kHz, and for a new, 5 MHz dome tic allocation.

The centerpiece of the series of Washington vi its was ARRL's participation in a National Public Safety Telecommunications Council (NPSTC) brainstorming session, chaired informally by Gene McGahey, AL7GC of the National Law Enforcement and Corrections Tech nology Center. The February 27 meeting considered im proved means to incorporate Amateur Radio into publi safety and homeland security planning.

Topics included further upgrading the level of professionalism among Amateur Radio Emergency Se vice (ARES) and Radio Amateur Civil Emergency Serv e (RACES) volunteers. Discussion focused on the possil ity of forming a highly trained first-response cadre of Amateur Radio volunteers who would undergo ongoin training and accreditation. "We will be going to ARES a d RACES to recruit the best and the brightest," Haynie said. The session also touched on the need for a unive sally recognized identification card for amateur volunteers.

Representatives of the Federal Emergency Management Agency (FEMA), the American Red Cross, The Salvation Army, the FCC and the Association of Public-Safety Communications Officials (APCO) were among those on hand for the session. A follow-up meeting will be held this spring at ARRL Headquarters.

The ARRL party also touched bases with several members of Congress to explore the possibilities of legislation concerning private deed covenants, conditions and restrictions--CC&Rs--as they affect the ability of radio amateurs to erect outdoor antennas. Haynie and ARRL officials also discussed Amateur Radio's role in the aftermath of September 11. On the list were meetings with Rep Steve Israel on New York, whose father, Howard, is SK/CC; Mike Iger, legislative assistant to Rep Maurice Hinchey of New York; Sharon Tucker, legislative assistant to Rep Jerry Kleczka of Wisconsin; Rep Greg Walden, WB7OCE, of Oregon; and Rep Pete Sessions of Texas and Jeff Koch, NU5Z, his legislative assistant.

"I was encouraged," Haynie said after the round of meetings. Since September 11, he said, he's perceived a greater level of awareness in Washington as to what role Amateur Radio might play in homeland security and increased public safety. "The reception we got was extremely cooperative and very friendly," he said.

During the Washington visit, the ARRL renewed its Memorandum of Understanding with FEMA, which sponsors RACES. The MOU calls on FEMA to encourage state and local emergency management officials to establish cooperative relationships with ARRL field volunteers, the inclusion of Amateur Radio in developing state and local emergency operating plans, and the use of those plans to support exercises.

RADIO LOCAL AREA NETWORK SPECTRUM PETITION "FATALLY FLAWED," ARRL SAYS

The ARRL says a petition from the Wireless Ethernet Compatibility Alliance (WECA) for additional 5-GHz spectrum is "fatally flawed." WECA, an industry coalition, wants more room for radio local area network (LAN) systems and other unlicensed Part 15 devices. It is seeking to extend the available 5-GHz spectrum to include 5.470 to 5.725 GHz. The Amateur Service now occupies 5.650 to 5.925 GHz on a secondary basis with government and nongovernment radars and nongovernment fixed satellite uplinks. The ARRL asked the FCC to deny the petition.

In comments filed February 28, the ARRL said WECA's petition fails to establish any current need to supplement 300 MHz of 5-GHz spectrum that the FCC made available for the same purpose in 1997. The ARRL also said that WECA is asking the FCC to make a decision prior to the 2003 World Radiocommunication Conference (WRC-03), where RLAN globalization is an issue.

WECA has told the FCC that the additional spectrum and proposed rule changes were needed to accommodate the inevitable explosion of demand for broadband mobile wireless data systems." In its Petition, designated as RM-10371, WECA said the spectrum extension could be accomplished easily and "without harmful interference to other primary users."

The ARRL countered that the 5-GHz amateur band already has suffered enough from earlier FCC actions. In 1997, the FCC allocated 5.150 to 5.350 GHz and 5.725 to 5.825 GHz for so-called Unlicensed National Information Infrastructure (U-NII) wireless local area network devices. In 1998, the Commission allocated 5.850 to 5.925 GHz for dedicated short-range communications (DSRC) systems in the Intelligent Transportation System.

The ARRL said that, while it does not dispute the utility of RLAN devices, WECA's petition "is devoid of any justification for expansion of the 300 MHz-wide U-NII band now." The League said WECA's petition "is based on pure conjecture," and said it should take its forecasts for future demand for 5-GHz unlicensed RLAN devices to the ITU for consideration at WRC-03.

For the third time in recent months, the ARRL admonished the FCC not to routinely authorize unlicensed Part 15 intentional radiators "without technical evidence allowing it to conclude that the devices so authorized will not interfere with incumbent licensed radio services." The ARRL said that since the FCC cannot conclude that granting the petition would not interfere with amateur operation at 5 GHz, "it cannot allow the marketing and deployment of unlicensed Part 15 devices without violating Section 301 of the Communications Act of 1934."

ARRL's comments are available on the ARRL Web site <http://www.arrl.org/announce/regulatory/rm-10371/arrl-comments-rm-10371.htm l>.

WORLD AMATEUR RADIO DAY TO CELEBRATE TECHNOLOGICAL INNOVATION

World Amateur Radio Day this year will provide an opportunity to reflect on radio amateurs as an important source of innovation in communication technology. Observed each year on April 18, World Amateur Radio Day commemorates the founding of the International Amateur Radio Union in Paris on that date in 1925. The IARU is the worldwide federation of national Amateur Radio organizations representing amateurs in 153 countries.

A century has passed since Marconi spanned the Atlantic and excited the imaginations of the first generation of amateur wireless experimenters. Amateurs were the first to discover and to exploit the remarkable properties of the ionosphere, the IARU noted.

Amateurs also were the first to make widespread use of single-sideband voice communication to conserve power and precious radio spectrum. Amateurs applied microprocessors to data communication, popularizing packet radio and developing protocols that are now in widespread use in public safety and other services.

As we enter radio's second century, amateurs continue to lead the way in numerous areas. Radio amateurs are the leading developers of new digital techniques for high-frequency (HF) data and text communication, such as PacTOR. Disaster relief agencies have adopted it for use from remote locations where no telecommunications infrastructure is available.

PSK31, another amateur innovation, is a user-friendly mode that provides live keyboard-to-keyboard communication at low power levels. PSK31 has become the most popular amateur digital mode in less than two years. Other amateur developers, building on the success of PSK31, are using sound cards to explore a wide

range of other digital modes tailored for the challenging HF environment.

Amateurs also are contributing in the arena of software defined radios (SDRs). An outstanding example of a DSP radio designed for experimental use is the DSP-10, a transceiver for the 144-MHz amateur band designed by Bob Larkin, W7PUA, of Corvallis, Oregon. Working with Larkin, a team of amateur software developers is refining a family of programs tailored to explore a wide range of VHF, UHF, and microwave propagation media, including moonbounce and extended-range tropospheric scatter.

The IARU cites these as but a few examples of what is happening in Amateur Service of the 21st century.

The IARU is a sector member of the International Telecommunication Union and is the recognized representative of the Amateur and Amateur-Satellite Services at the ITU.--IARU

CONTRIBUTING TO ARRL MADE EASIER

When you make a contribution to ARRL, your generosity supports the League's work on behalf of Amateur Radio to promote public service, to inspire the next generation of amateurs, to preserve ARRL's history and traditions and to defend the amateur spectrum you enjoy. Making a contribution to ARRL now is easier than ever! Just click the "Make a Contribution to ARRL" link <https://www.arrl.org/forms/development/donations/basic/> on the ARRL secure Web site. You may earmark a donation for a specific project or program or you may make an unrestricted donation. If your employer will match your contribution, you can double its effectiveness. All ARRL needs is a completed matching gift form from your employer, and we'll do the rest. For more information on contributing to the work of ARRL, contact Chief Development Officer Mary Hobart, KB1HYD, mhobart@arrl.org; 860-594-0397.

ARRL EXECUTIVE COMMITTEE MULLS OMNIBUS FCC FILING, CC&R LEGISLATION

As a result of ARRL Executive Committee action, the ARRL moved another step closer to asking the FCC to act favorably on its Novice band "refarming" recommendations. The EC also further mulled strategy regarding a possible congressional solution to the issue of deed covenants, conditions and restrictions--CC&Rs--as they affect the ability of amateurs to erect outdoor antennas. Meeting March 2 in Arlington, Virginia, the EC waded through a full agenda of regulatory and legislative items. President Jim Haynie, W5JBP, chaired the session.

Within the next few weeks, the ARRL is expected to file a Petition for Rule Making that, among other things, will ask the FCC to revise its Amateur Service rules in accordance with the modified Novice band refarming scheme the ARRL Board of Directors okayed in January (see "ARRL Board Adopts Modified Novice Band Refarming Plan," <http://www.arrl.org/news/stories/2002/01/21/101/>). That plan--based on recommendations of the ARRL Novice Spectrum Study Committee--would eliminate the Novice/Technician Plus CW subbands as such and reuse that spectrum in part to expand phone allocations on 80 and 40 meters. The plan would permit Novice and Tech Plus (or Technician with Eleme 1 credit) to operate CW on General-class 80, 40, 15 an 10-meter CW allocations at up to 200 W output.

The ARRL's pending "omnibus" petition also would seek other minor changes to the Part 97 Amateu Service rules. ARRL General Counsel Chris Imlay, W3KD, is putting the finishing touches on the draft Petition and will circulate it to the ARRL Board of Directors prior to filing.

The EC took no formal position on several othe recent Part 97 rule making petitions. While initial comment deadlines have passed, the Committee noted that another comment opportunity will open "if and when the FCC incorporates one or more of the petitions into a No tice of Proposed Rule Making."

On the legislative front, meetings with several members of Congress during the week leading up to th EC meeting were said to have "offered encouragement" regarding the possible introduction of legislation to exte PRB-1 preemption to include CC&Rs. Existing draft legi lation was reworked to reflect the tenor of the Capitol Hi discussions, and the EC reviewed and concurred with t revised draft. Details have not yet been released, however.

In an effort to reduce or eliminate the necessity filing paper vanity call sign applications, the EC authorized ARRL Headquarters staff to develop a vanity call sign filing service for members and to charge a fee to re coup expenses. In addition, the EC asked Imlay and ARRL Executive Vice President David Sumner, K1ZZ, t draft a letter to the FCC advocating "a prohibition on mu tiple applications for the same call sign by a single appli cant."

Minutes of the March 2 EC meeting are availab on the ARRL Web site <http://www.arrl.org/announce/ec_minutes_469.html>.

"LOGBOOK OF THE WORLD" WILL COMPLEMENT QSL TRADITION

ARRL's "Logbook of the World" (LOTW) electronic contact-verification program will spark "a culture change" when it's introduced later this year, predicts Pr ject Manager Wayne Mills, N7NG. Once LOTW is opera tional, participants will be able to qualify for awards suc as DXCC or WAS without having to first secure verifica tion in the form of hard-copy QSL cards. But Mills--who heads ARRL's Membership Services Department--is quick to add that LOTW will complement the convention exchange of QSL cards, not replace it.

"We will not do away with accepting QSL cards the traditional manner," Mills says. "We're not replacing the whole paper QSL scheme with Logbook of the Worl Neither will Logbook of the World provide a means to g QSLs--electronic or otherwise. Mills said amateurs will s be able to solicit QSLs--even electronic cards--although e-QSLs still may not be used to apply for ARRL awards Mills this week issued a separate ARRL e-QSL policy statement to clarify what is and what is not acceptable <http://www.arrl.org/news/stories/2002/03/07/100/>.

Logbook of the World "is really a system to offe credits for awards--and not just our awards," Mills ex-

oined. He hopes to enlist the participation of other organizations that grant operating awards, such as CQ and RSGB. Central to the LOTW concept is a huge repository of constantly updated log data provided by individual DXers, contesters and DXpeditions and maintained by ARRL. Once it's up and running, Logbook of the World will be able to provide quick contact credit. Mills adds that the system will be open to all--ARRL members and nonmembers.

Registering and uploading electronic log data to LOTW will be free. The only time users will incur charges is when they wish to apply contact credits toward a particular award, such as DXCC, WAS or VUCC.

Software development for The Logbook of the World continues. "We're well into the software implementation phase for the logbook server," said ARRL Web/Software Development Department Manager Jon Bloom, K3Z, who expects to begin full system testing this spring.

"The security part is the linchpin of the system," Bloom said. Both he and Mills emphasize that every effort will be made to ensure the integrity of LOTW log data. Registrants will have to positively identify themselves via off-line, hard-copy means before being issued a secure--and free--digital signature and granted password access.

In simple terms, when a participant logs on, the Logbook system would determine if its database contains any contact "matches" with log data submitted. If so, a user could apply any credits generated to particular awards at a per-credit fee. Mills said the cost would be in line with current ARRL award fees.

In situations where an operator disputes a failure to match, Mills said, the operators involved would have to resolve the situation off-line.

Bloom and Mills believe that Logbook of the World will improve the integrity of the confirmation process. "It will remove some of the human factors that lead to errors," Bloom said. And, Mills added, Logbook will minimize opportunities to purposely "game the system" or to outright cheat--something that's not always possible to detect even with paper QSL submittals.

Mills said he hopes to announce an inauguration date for Logbook of the World within a few months.

TEN-TEC ORION TO REPLACE OMNI LINE

Ten-Tec plans to introduce details of its new ORION HF amateur transceiver March 9-10 at the Charlotte Hamfest in North Carolina. Ten-Tec Amateur Radio Products Manager Scott Robbins, W4PA, says the ORION "represents an entirely new concept in high-performance HF transceivers" and will include features never before available on an amateur transceiver. The ORION will retail in the $3300 price range and will replace the OMNI VI Plus--already discontinued--as Ten-Tec's top-of-the-line amateur HF transceiver. Anticipated features include dual 32-bit DSP processors; full dual-receive capability; 590 independently selectable IF-DSP filters in each receiver; adjustable receive filter shape factors; "superior dynamic range" due in part to the ability to narrow roofing filters down to 250 Hz for improved close-in performance in the vicinity of strong signals; extremely low phase-noise synthesizer; adaptive DSP noise reduction; and a continuous, real-time spectrum display that works on either receiver. Full details are available on the Ten-Tec Web site <http://www.tentec.com/TT565.htm>. The ORION is expected to be available later this year. A prototype may be ready for display at Dayton Hamvention in mid-May, but it will not be on the market by then. "We are very excited about this new product," Robbins said. "Stay tuned!" He notes that complete technical specifications for the ORION remain to be determined, and all information is subject to change.

ARRL CONTINUES TO CHALLENGE FCC OVER PART 15 AUTHORITY

The ARRL again has challenged the limits of the FCC's authority to permit unlicensed operation of radio devices that may interfere with licensed services. Opening another front in its campaign, the League has filed a Petition for Reconsideration in response to an FCC Report & Order to allow fixed point-to-point transmitters in the 24.05 to 24.25 GHz band to operate at field strengths 10 times the level currently permitted under Part 15. The ARRL has asked the FCC to reconsider and reverse a portion of its Order that addresses the FCC's jurisdiction to authorize unlicensed operation of RF devices that pose significant interference potential to licensed services.

"The Commission has expanded the concept of unlicensed devices far beyond what its original concept allowed," the ARRL argues, "and far beyond what is permissible pursuant to Section 301" of the Communications Act of 1934. Amateur Radio is primary at 24.0 to 24.05 GHz and secondary on the rest of the band. The AO-40 satellite includes beacon, digital and analog transmitters in the vicinity of 24.048 GHz.

The ARRL recently raised similar arguments to combat a proposal by SAVI Technology--in ET Docket 01-278 and RM-9375 and RM-10051--to permit unlicensed RF identification tags to operate as unlicensed Part 15 devices between 425 and 435 MHz. In that case, the ARRL said the FCC lacks authority to permit the RFIDs to operate under Part 15 at the proposed field strengths and duty cycles.

In the 24-GHz proceeding, the FCC first proposed permitting the Part 15 devices at the elevated field strengths in 1998, in response to a Petition for Rule Making from Sierra Digital Communications Inc. The FCC released its Order in the three-year-old proceeding, ET Docket 98-156, on December 11.

In its Order, the FCC took issue with ARRL's assertion that the FCC should acknowledge that Part 15 devices are only allowed under the Communications Act when they pose no interference potential to licensed services. Calling the ARRL interpretation "overly conservative," the FCC said Part 15 rules appropriately provide for unlicensed devices to "share spectrum with licensed services" and provide adequate protection to licensed services if interference does occur.

In its Petition for Reconsideration, filed February 13, the ARRL said the issue is not whether the FCC has jurisdiction to enact reasonable regulations concerning RF devices. "Rather," the League said, "it is whether or

not a device which has substantial interference potential to licensed radio services must be licensed." The ARRL said the limit of the FCC's jurisdiction to permit unlicensed operation of RF devices "is reached when it is concluded that the operation of such devices has a substantial interference potential to licensed services."

The FCC also had disagreed with ARRL that permitting Part 15 devices at the higher field strengths--up to 2500 mV per meter--would increase the risk of interference to amateur operations at 24.05 to 24.25 GHz. The Commission did impose a requirement to use directional antennas. Part 15 field disturbance sensors have operated in the band at 2500 mV/m field strengths "for years with no adverse affects to other users in the band, including amateur operations," the FCC added.

In its Petition for Reconsideration, the ARRL reiterated earlier comments that the proposed power levels and antenna gain figures--33 dBi--were "entirely inappropriate for Part 15 unlicensed facilities." The proposal is tantamount to "a request that additional spectrum be allocated for fixed, point-to-point microwave applications" such as those licensed routinely under FCC's Part 101 rules, the League said.

The FCC "is incorrect in its assumption that it has unfettered jurisdiction" to authorize unlicensed devices regardless of their interference potential," the ARRL concluded. It asked the FCC to make no changes in Part 15 and to "review the rules adopted" by its Order "in view of the limits on its jurisdiction" raised by the ARRL.

FCC REDESIGNS AMATEUR SERVICE WEB SITE

The FCC has redesigned its Amateur Radio Service Web site and changed the URL <http://wireless.fcc.gov/services/amateur/>. The new layout makes it easier to find information on topics most requested by amateurs, including licensing, amateur exams, filing an application, changing an address or using the Universal Licensing System (ULS). The refurbished site also provides links to recent Amateur Radio-related news from the FCC.

"The new design is a part of the Wireless Telecommunications Bureau's continuing effort to meet the needs of the Amateur Radio Service operators as identified in focus groups, letters, phone calls, and e-mails," the FCC said in a news release.

The new design clusters FCC public notices, news releases, and other official documents affecting Amateur Radio operators on the right side of the page. On the left side of the page, the new navigation scheme displays information on the Amateur Radio Service, the sequential call sign system, licensing and vanity call signs as well as amateur-related communications policies such as reciprocal agreements. The site also offers links to information on the limited federal preemption known as PRB-1, the Part 97 Amateur Service rules and the Wireless Telecommunications Bureau and ULS sites.

The site, launched on February 20, includes a search engine for the entire FCC Web site <http://www.fcc.gov>. Direct questions or comments concerning the FCC's Amateur Radio Service Web site to Bobby Brown, babrown@fcc.gov, or Jennifer Bush, jbush@fcc.gov. For information concerning the Amateur Radio Service, contact Bill Cross, bcross@fcc.gov; 202-418-0680.

ARRL ANNOUNCES ON-LINE "CONTEST SOAPBO

The ARRL Contest Branch has opened a new on-line Contest Soapbox page <http://www.arrl.org/contests/soapbox> for ARRL Contests. The site officia opened February 17, just in time for participants in the ARRL International DX Contest (CW) to take advantag

"Our goal is to provide an entertaining and edu cational resource that can help attract interest in the c testing area of our hobby," said ARRL Contest Branch Manager Dan Henderson, N1ND. The ARRL Contest Soapbox is open to all--ARRL members and non-members. Henderson said the new site will offer partic pants an on-line home to share soapbox comments, p tographs and narratives related to ARRL-sponsored o ating events.

"We encourage you to visit the site and post c ments," Henderson said. "Focus your comments on yc involvement in the contest--funny things that happene new experiences for you in the contest, stories that m help others to learn from your efforts, or simply your g eral impression of the event."

Henderson reminded participants that the pote tial audience to view postings is broad. "We encourag you to exercise decorum in your postings," Henderson added. The ARRL reserves the right to edit or decline posts that may be inappropriate. Responsibility for cor tent of all posts rests exclusively with the item's autho ARRL staff assumes no responsibility for errors, omis sions, and accuracy. All questions and comments sho be directed to the person originating the item.

The ARRL Contest Soapbox is a work-in-progress, Henderson said. "Over the next several mo s and contests, we will be making additions and change to the site." He welcomed suggestions for improvements a e-mail <n1nd@arrl.org>;.

NEW SATELLITES GET OSCAR NUMBERS

AMSAT-NA's Bill Tynan, W3XO, has announc OSCAR designations for two new amateur satellites. PCsat will be known as NAV-OSCAR-44 (NO-44). PC it is a 1200-baud APRS digipeater designed for use by amateurs using hand-held transceivers or mobiles. Th spacecraft known as Sapphire has been designated NAV-OSCAR-45 (NO-45). Sapphire has 1200-baud AX.25 telemetry and a voice replay on 437.1 MHz. PC is a project of the Small Satellite Program within the U Naval Academy's Department of Aerospace Engineer g, and Sapphire is a joint effort involving the Naval Acad emy's Small Satellite Program, Stanford University an Washington University at St. Louis. Both were launch October 1, 2001, from Alaska.

ARRL FIELD DAY, AFFILIATED CLUB COMPETITI N CHANGES ANNOUNCED

The ARRL has adopted rule changes affectin Field Day and the ARRL Affiliated Club Competition p gram. The primary Field Day change--effective with th year's event June 22-23--phases out the Novice-

echnician station and replaces it with a new station cate-ory, the "Get-On-The-Air"--or GOTA--station.

A GOTA station is intended for operation by Nov-e and Technician operators or by generally inexperi-nced or inactive amateurs as well as by as-yet-nlicensed or "under-licensed" operators working under he privileges of a licensed control operator (third-party affic rules apply--see the International Third Party Traffic age on the ARRL Web site <http://www.arrl.org/FandES/eld/regulations/io/3rdparty.html>). Under the revised ules, any Class A Field Day entry operating at least two ansmitters may include a GOTA station, which will not ount as an additional transmitter for the purpose of entry ategory.

The GOTA station may operate on any Field Day and and mode, but only one GOTA transmitter may be in se at any given time. The GOTA station may complete up 400 QSOs to be counted toward the group's total Field Day score. A Field Day group can claim 100 bonus points its GOTA station successfully completes 400 QSOs. The GOTA station does not affect the additional VHF/UHF sta-ion provided under Field Day rule 4.1.2.

Field Day 2002 will mark the first in which stations hroughout the Americas have been invited to participate. As approved at the July 2001 ARRL Board of Directors' neeting, all International Amateur Radio Union Region 2 countries--North and South America--may take part in Field Day starting this June.

Complete Field Day rules and information packet will be available on the ARRL Web Contest Forms and Rules page <http://www.arrl.org/contests/forms> in early February. Field Day 2002 pins and T-shirt may be ordered now via the ARRL Web catalog



ELMER TODAY
VOLUNTEER!

SPECIAL SERVICE CLUB

RADIO CLUB OF TACOMA

W7DK

ARRL

RADIO CLUB OF TACOMA

W7DK

SIGN UP FOR THE MAY

NO-CODE TECHNICIAN CLASS

ACHIEVE AN ENTRY LEVEL LICENSE

IN ONE WEEKEND

Saturday, May 11, 2002

&

Sunday, May 12, 2002

Sponsored by:

The Radio Club of Tacoma
1249 South Washington Street
Tacoma

CONTACT
JERRY, W7BUN, @ 253-845-7652
TO REGISTER FOR THE CLASS

Course Fee - $10
(For Handouts and Refreshments)

Books are available for $19
Examinations - May 14th - 7 PM -
$10.00 Fee

R.DIO CLUB OF TACOMA
P. BOX 11188
T.COMA, WA 98411-0188

[ ] NEW MEMBER (ONE APPLICATION PER MEMBER)

[ ] RENEWAL (ONE RENEWAL FORM PER FAMILY OK)

MMBER CATEGORY: [ ] FULL [ ] SENIOR [ ] ASSOCIATE [ ] FAMILY [ ] LIFE [ ] STUDENT [ ] REINSTATEMENT

Name_____ Call_____ Class_____ Birthday_____

Adress_____ City/State_____

Z+4_____ Home Phone(____)_____ Work Phone(____)_____

e nail _____ Publish phone number/e-mail in the Club Roster? Yes [ ] No [ ]

Former Call(s)_____

Are you a Volunteer Examiner Yes [ ] No [ ] If Yes, which VEC_____

Occupation (or former occupation)_____ Employer_____

Are you a member of: ARRL [ ] ARES/RACES [ ] MARS [ ]

FAMILY MEMBERS NAME, CALL, AND LICENSE CLASS (RENEWALS ONLY)

_____

_____

_____

THE RADIO CLUB PARTICIPATES AND SUPPORTS THE FOLLOWING ACTIVITIES EACH YEAR. PLEASE MARK THE BOX IN FONT OF THE ACTIVITY OR ACTIVITIES THAT YOU WILL HELP SUPPORT. WE URGENTLY NEED YOUR HELP AND SUPPORT, PEASE CONSIDER AT LEAST ONE ACTIVITY THAT WE CAN COUNT ON YOU TO SUPPORT.

[ ] AWARDS BANQUET	[ ] VE TEAM	[ ] ARES/RACES
[ ] FIELD DAY	[ ] LOGGER'S BARK MAILING PARTIES	[ ] N KITSAP FLEA MARKET
[ ] RCT FLEA MARKET	[ ] TEACHING CLASSES	[ ] OTHER MISC CONTESTS
[ ] BOOTH AT THE WWA FAIR	[ ] SCOUTS JAMBOREE IN OCTOBER	[ ] MIKE & KEY FLEA MKT
[ ] SWEEPSTAKES IN NOVEMBER	[ ] BEING AN ELMER	[ ] RCT MUSEUM

Other hobbies, expectations, comment:_____

Do you own a computer? Yes [ ] No [ ] If so, what type?_____

How did you hear about the Radio club?_____

Seven dollars ($7.00) of your annual dues is the subscription fee for the Club's monthly newsletter(The Logger's Bark).

Club badges are available for $9.00. If you would like a badge, please PRINT the following:

Badge Name_____ Badge Call Sign_____

Applicant's Signature_____ Date_____

ANNUAL MEMBERSHIP DUES: FULL OR ASSOCIATE MEMBER $30
FAMILY MEMBER (AT SAME ADDRESS, FIRST TWO) $15 EACH (ALL ABOVE 2 ARE FREE)
SENIOR MEMBER (65 AND OVER) $25 FULL-TIME STUDENT (UP TO AGE 25) $15
LIFE MEMBERSHIP = 20 TIMES ANNUAL DUES (PAYMENT PLAN AVAILABLE)

FOR RCT USE ONLY

Dues received $_____ Treasurer's initials_____ Date_____

Badge fee rcvd $_____ Treasurer's initials_____ Date_____

ET Number_____

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
PO Box 11188
Tacoma, WA 98411

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U.S. POSTAGE
PAID
TACOMA, WA
PERMIT NO. 1078

RETURN SERVICE REQUESTED

COMING EVENTS

MAY 1 - **Board Meeting** - Clubhouse, 7:30 PM - All members welcome.

MAY 4 - Pinochle Potluck - 7 PM, Clubhouse

MAY 4 & 5 - **Technician Class** - Clubhouse. Special testing—May 7, 7 PM

MAY 8 - **Club Meeting** - Library Administration Center, 7:30 PM
Program: ARES



MAY 12 - ***Mother's Day Breakfast,*** Clubhouse, 8 - 11 AM

MAY 14 - **License Testing** - 7 PM, Clubhouse

MAY 15 - BARK deadline

MAY 22 - **Club Meeting** - Library Administration Center, 7:30 PM
Program: RCT ANTIQUE RADIO MUSEUM

MAY 31 - JUN 2 - SEAPAC, Seaside, OR

JUN 8 - Pinochle Potluck - 7 PM, Clubhouse

- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- *Check in on the 10 Meter Net every Sunday evening, 8 PM, on 28.375 MHz USB*
- See page 3 for meeting program schedule. Check the weekly net for updates to the program schedule.

REMEMBER OUR FREEDOM

W7DK

May 2002

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1 DICK LOTTIE KG7 WF* 7:30 PM RCT BOARD MTG	2 JOHN ARENA KB7TGE*	3 ROBERT DARDIS KD7OPG*	4 9:00 OPEN HOUSE 7:00 PM PINOCHLE POTLUCK
5	6	7 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	8 DAVID LLAPITAN JR KG7OP* ANDREW EVANCHO JR WA7JGO* 7:30p General Membership Meeting	9	10 DICK GIGUERE KA7FXQ*	11 9:00 OPEN HOUSE
12 Mother's Day	13 ALTON CHURCHILL AC7BU* SHELLEY BURGESS W7ATB*	14 NILS OLSON N7BCV* 7:00 PM RCT LICENSE EXAMS 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	15	16	17 PAT WELLS WA7UNF*	18 DANNY BURGESS KC7KAN* 9:00 OPEN HOUSE
19	20	21 WADE PALMER WA7OHG* 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	22 7:30p General Membership Meeting	23	24 KERRY WEBSTER WB7AKE*	25 KATHLEEN NACE NOEYK* LYNNETTE MARTEK KD7BVO* Swap and Shop 10 AM to 2 PM Clubhouse 9:00 OPEN HOUSE
26 JOHN BLACK N7KN*	27 Memorial Day RICHARD RYAN W7RGD* WALTER SCOTT PETERSON KA7IOX*	28 7:30 PM RCT NET 147.28R 7:00 PM ARES NET 145.37R	29 STEPHEN RUSSMAN WB7WUX*	30 SIGNE TWARDOWSKI W3IIJ* JAMES BILLINGSLEY N7RRK*	31 EDWARD MCDONALD KD7LIL* MARY KELLEY W7SKR*	

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXIX NR. 5 | W7DK | MAY 2002

FROM THE PRESIDENT

Mick, KK7QS

As I picked up the mic on my HF radio the other da, I thought of calling CQ DX for spring. Spring sure dosn't seem to be anywhere around here! I thought if I gc no answer, I could just move on and call for summer. t must be late returning from a holiday or vacation. Guess w will just have to start without it and hope it arrives sn. I have plenty of hummingbirds at my house, so it ca't be far off.

A we start our repair projects around the clubhouse, we w want to throw a few hot dog on the fire. This will re- qre sun and nice weather. Some of the inside work has bn done. To start, Rich, N7ANF, has installed some hd railings in the hall leading to the ladies restroom. We al have plans to freshen up the clubhouse quite a bit. C Saturday, April 6th, Dick, KA7FXQ, and Chuck, A7QN, came in early and moved the generators out and srted them both. We hooked up and ran the clubhouse o them for a couple of hours. We know they are in good rning shape and ready for Field Day or any needed emergency. Jerry, W7BUN, has installed a 7 second de- la on the antenna rotor control. This will delay the brake aivation for 7 seconds after the brake lever is released. Tis should eliminate excess torque on the mast and rotor caused by the brake locking before the antenna has stopped moving. The brake is not designed to stop the rotation but to hold it in place after the beam has been positioned.

The Board of Directors has formed a committee to investigate and attempt to solve interference problems for RCT club members. Nick, WA7IVO, will chair the committee. Nick is a broadcast engineer and works for several local radio stations and has a lot of experience. The following will be added to the RCT Standing Rules. It will read: The club shall maintain a TVI/RFI Committee. The committee will investigate and attempt to solve interference problems for RCT members, or for any case where help is requested from the FCC. Nick's background should prove to be beneficial to the club. I would like to see more club members attending the board meetings to help shape the future of our club. Just remember, they are held the first Wednesday of each month at 7:30 PM at the clubhouse.

Don't forget about W7DK at the Beach coming up on June 9th. I think that should be plenty of time for spring or maybe even summer to find its way back to the Pacific Northwest. If not, we will all get on the air and call CQ for it. We also have Field Day in June so we have plenty of outdoor events to keep us having fun for a while. Also, Frank, AC7JY, has had a couple of meetings to plan our annual flea market.. Listen to the club nets and meeting announcements for the next one. This is a good chance to get your ideas in. We are going to use one building just for demonstrations. We will demonstrate our antique equipment, our PSK stream, and hopefully ATV and more. This should help improve attendance. We hope to outdo last year's flea market by far. Bring your ideas to the next meeting. Frank will be glad to hear from you.

THINK SUN! 73 de kk7qs

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- MUSEUM MUSINGS - Page 5
- CONTESTS - Page 6

RADIO CLUB OF TACOMA -- 1999

PRESIDENT	MICK PIER	KK7QS	847-8223
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SECRETARY	ED ROOT	KC7OKS	851-7463
TREASURER	ROGER TERWILLIGER	WA7ANJ	475-4293
BOARD (5)	AL BURLESON	K7HW	474-9023
	WORTH GURLEY	W7WG	582-3844
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PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 253-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350 #14060, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. *The Logger's Bark* does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in *The Logger's Bark* if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO:
THE LOGGER'S BARK, PO BOX 11188, TACOMA, WA 98411.

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

SUNSHINE & CONGRATS

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please contact Jill Palmer, K7JIL, 253-539-7772
or e-mail, hamtalker2@aol.com

W7DK/Radio Club of Tacoma

147.28 / .88 MHz 144.97 - Packet
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Jerry Bennett, KD7OPE RCT 2126
23413 116th St E
Buckley, WA 98321-6494 Phone 360-897-6494

Stephen Morton, NOCALL RCT 2127
5816 Ferdinand St
Tacoma, WA 98409-5899 Phone 253-473-5899
Email semorton@harbornet.com

William C Shockley, III, W5GYW RCT 2128
27230 137 Ave SE
Kent, WA 98042 Phone 253-630-0358
Email indythedog@yahoo.com

Reinstatements

Address/Phone Changes/Corrections

Frank Kerton, KB3NV
Jill Kerton, KB7JMZ
25510 51st Ave E
Graham, WA 98338-7115 253-846-0382
Email kertonf@juno.com

Herman (Pete) Jones, N8PSJ new phone 253-884-654

E-Mail Address Changes/Additions
New Calls/Upgrades

Cal Morgan,W7SFT patcal@sosnet.net (For Pat too)

Robert Crouch, KG7SM recrouch1@attbi.com

Keith Marshall,KD7KPY keith.marshall@foxinternet.ne

Dana Marshall, KD7KPZ kd7kpz@danawheels.net

Change RCT Numbers

William Childers, KD7NJV is RCT 2124 not 2125

Paul LeBlanc, K7AXJ is RCT 2125

Robert Pensworth, KC7HIR is RCT 1962 not 2124

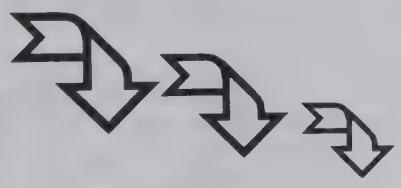
Silent Keys

Jim Hudon, N7DKI 3/19/02
Willard Strenge, WA9RMK

OUR NEW ROSTER IS OUT! These were not included
F Roland Svensson, KD7MAA
4051 232nd Ave SE
Sammamish WA 98075 425-391-5088
Email frs_roland@msn.com

Oliver Larsen, W7WIA
126 Rainbow Dr 2610
Livingston TX 77399
Email oacrlarsen@aol.com

COMING PROGRAMS AT RCT



WEDNESDAY, MAY 8TH - Amateur Radio Emergency Service (ARES)

E Bruette, N7NVP, is the ARRL Section Emergency Coordinator for Western Washington (WWA). He will present a overview of emergency communications (EmComm) in WWA. It focuses on recruiting new members for EmComm ad renewing the interest of previous members, particularly those who may have become inactive. One of the pri- ry reasons for the privileges enjoyed by the Amateur Radio Service is the emergency and disaster communica- tns provided by volunteer ham operators. Please attend this meeting and learn how you can help.

WEDNESDAY, MAY 22ND - THE RCT ANTIQUE RADIO MUSEUM

This program will be put on by the RCT Museum staff and will address the mission of the Radio Club of Tacoma Mu- seum, display some examples of historical equipment from the Museum, and show a short video of a few serious and comic excerpts from past Museum and Radio Club activities. The video will show Mac and Morel rejuvenating the dusty Old Oak Rig just after it arrived at our Clubhouse from the discard pile of Keyport's Underseas Warfare Mu- seum including bystanders' wry comments. Morel will explain the activated Old Oak Rig and point out other historical ars in our Museum. The "electrocution" of Hal W7EC at the previous Museum demonstration program will be pro- jected in lieu of a painful re-enactment. Participation by others will be solicited, as time allows, projecting the joy of Amateur Radio over the years.

WEDNESDAY, JUNE 12TH - FINAL PLANS FOR FIELD DAY

Field Day is June 22nd and 23rd. This is the most fun activity of the year and a great learning experience for new ms in setting up an emergency operation in the field, as well as a chance for everyone, regardless of license class, t operate on HF. Every club member should plan on participating on Field Day weekend. The location is in Parkland d the site is a great place to bring the family and camp out. Saturday evening dinner is a potluck with the club sup- ving hot dogs, hamburgers, pop, and coffee.

...and the QSL CARD for this month is...

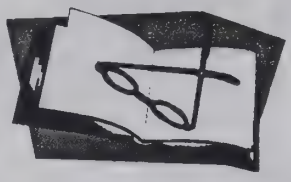
ZAMBIA

This QSL card from Zambia was received in 1987. Zambia is a landlocked African nation originally called the territory of Northern Rhodesia, and was taken over by the UK in 1923. The name was changed to Zambia upon independence in 1964. The population is 9,770,199, with a life expectancy at birth of 37.29 years. Ethnic groups are African 98.7%, European 1.1%, other 0.2% and religions are Christian 50%-75%, Muslim and Hindu 24%-49%, indigenous beliefs 1%. The official language is English.



Amateur Radio Exams

in the Puget Sound Region as of October 2001



1st Thursday - 7 PM - Helen Keller Elementary School, 13820 108th Ave. NE, Kirkland - Contact Brian Wood, KF7QF, 425-481-2361, Bothell

1st Thursday - 7 PM - Bonney Lake Library - Contact Roxann Holwege, AB7HO, 253-862-8905, Bonney Lake

2nd Tuesday - 7:00 PM - Radio Club of Tacoma *Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor*

2nd Thursday - 7:00 PM - Ft. Lewis Radio Club - Contact Bill Thompson, K7OLY, Tumwater, 360-236-9048

2nd Saturday - 10 AM - Tukwila - Telephone Wireless Pioneer's Museum, 7000 W. Marginal Way, Contact Mary Lewis, W7QGP, 206-523-9117, Seattle

3rd Monday - 6:30 PM - Shelton - Timberland Library, 710 W. Alder St. - Contact Rick Colton, W7SMC, 360-426-1716, Shelton

3rd Tuesday - 7 PM - Maple Valley - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9:00 AM - Ferndale - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3rd Saturday - 1 PM - Renton - Salvation Army Hq, 720 Tobin Street - Contact Jan VanAllen, K7YH, in Kent, at 206-824-9039.

3rd Saturday - every 4th month - 9:30 AM - Montesano High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

4th Wednesday - 6:30 PM - Everett - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4th Thursday - 7:00 PM - Ft. Lewis Radio Club - Contact Bill Thompson, K7OLY, Tumwater, 360-236-9048

4th Saturday - 10 AM - Everett - Everett Housing Authority - 14th and Popular - Contact Loren Hole, KK7M, 425-335-5158, Lake Stevens

4th Saturday - 9:30 AM - Bremerton - Room T-114, Technical Bldg, Olympic College - Contact Walt Winters, AA7TL, 360-692-8326, Bremerton

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373 - 253-845-7652

SUPPORT YOUR CLUB

RADIO CLUB OF TACOMA

W7DK

ARRL

RADIO CLUB OF TACOMA

W7DK

TUESDAY NIGHT NET MARCH CHECK-INS

CALL	NUMBER OF CHEK-INS	NAME
K3ROT	2	BYRON
W6LIX	1	MOREL
KD7AAG	2	MARK
W7AEA	4	MAX
KJ7BN	3	MARILYN
AC7BU	3	AL
K7BUD	3	BUD
W7BUN	3	JERRY
N7CEO	1	LINK
K7DBU	3	JACK
W7DON	3	DON
N7EAY	2	ALAN
W7EC	2	HAL
KC7EQ	4	ANGELA
KK7FM	1	GEORGE
KD7HOM	1	BILL
KD7IBU	1	BOB
KD7IGY	2	WILMA
W7IMW	3	JACK
KA7IOX	3	SCOTT
K7JIL	3	JILL
KC7JME	4	NORA
AC7JY	3	FRANK
KD7KPY	1	KEITH
KD7KPZ	2	DANA
NN7L	1	JASON
AC7LK	3	JOHN
WA7NOQ	3	JOHN
WA7OHG	4	WADE
KB7QAG	4	JEFF
WB7QCS	1	ROB
KD7QBC	1	GEOF
KD7QBD	1	LUCA
N7QOZ	3	BOB
KK7QS	2	MICK
KK7QW	3	PETE
K7ROL	2	CARO
N7RRL	1	MARK
W7RW	1	ANDY
K7SAA	1	ED
W7SFO	2	RYAN
W7SKI	4	BOB
KB7SVX	2	JEAN
N7UO	1	FRAN
KC7VUM	3	LOU
W7WG	2	WOR
AB7WJ	2	BILL

NET CONTROLS	
MAR 5	KK7QS
MAR 12	KA7IOX
MAR 19	AC7BU
MAR 26	K7BUD

HAPPY MOTHER'S DA



Once again, Rich, N7ANF, will host the annual W7DK Mother's Day Breakfast. Volunteers are needed. Contact Rich on the air or at (253)474-8883.

BREAKFAST
8 - 11 AM, May 12th
Mothers eat Free!
Other adults - $2

Hot Cakes, Eggs, Ham
Orange Juice, Coffee

Hope to see you there!

MUSEUM MUSINGS

With Worth Gurley, W7WG

The past two Barks included some of the memories of my beginning years in amateur radio and comments on what those experiences meant to me at the time and how they affected my life subsequently. I must repeat, yet again, that I hope some of you will send me some of your own experiences with amateur radio and what it means to you, or to Kathleen at kathleen@naceplace.com

The reason I got involved with our Radio Club Tacoma Museum was that the first time I was given a tour of the Museum by President Jim Kirkreit, I pointed out several old receivers popular in the mid-1930's, notably the Hallicrafters SX-28, which I enthusiastically told them how I used it in the 1940s for my first job as a radio operator for the FCC's new National Defense Operation. So, of course, Jim asked me to work with the museum, which I was reluctant to do. The he said, "YOU can do it! You CAN do it!". With no escape I did... after I got Mac, W6NBD, and a few weeks later Morel, W6LIX, involved. That SX-28 meant a lot to me, but also the web has an interesting history about it being the Hallicrafters Company president's favorite product and about its WWII widespread use. The Club's museum has many other rigs, notably earlier receivers, that seem to ring the bells for visitors who have been in amateur radio for a while. Each item has its own intriguing story, some of which can be found in the upstairs library of bound, old QST magazines, other publications, and in the memories of visiting older hams.

At ham flea markets to which we have taken some lighter equipment the Hallicrafters "Sky Buddy" inevitably brings two or three comments from hams about their first receiver having been a Sky Buddy. The little Heathkit Model AT-1 transmitter always gets the attention of several older hams who say that the AT-1 was their first transmitter when they were Novices.

In the 1920s and 1930s, the National Company was a most respected manufacturer of high quality communications receivers. Sitting on the antique desk in the museum next to Doc Spike's old one-tube transmitter is a National SW-3 receiver. The chief engineer of National, James Millen, W1AXL, wrote an article in the September 1931 QST about how he designed that popular ham receiver, solving instability problems with proper shielding which took weeks of experimentation. It looks simple now, but then it was high tech. The SW-3 with its rf amplifier, regenerative detector, and a stage of audio amplification was essentially the prototype for many a ham's homemade receiver - and in those Depression years most were homemade. The SW-3 design was close to the circuit I used in building my second receiver in 1935. In the article James Millen said that the circuit was as sensitive as the superhetrodynes of that time and had much less circuit noise. Of course, the bands were less crowded in those days so great selectivity was not essential..

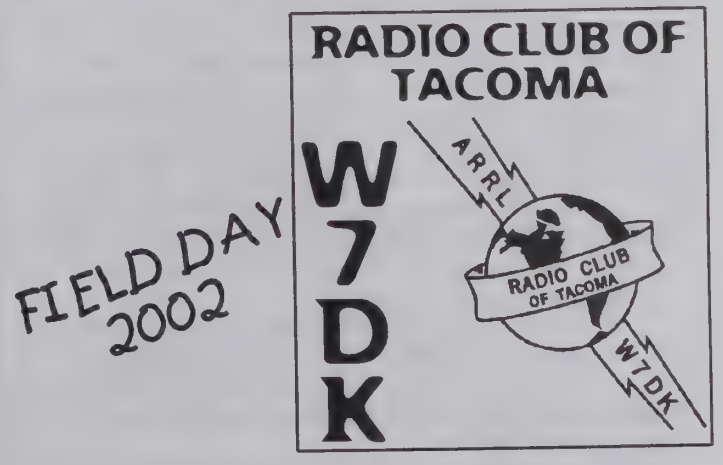
The National Company also designed and manufactured the HRO receivers. Now-a-days HRO means a ham store in Portland where you don't have to pay sales tax, but then it meant a very accurate, very stable receiver used in commercial stations as well as in the stations of a very few rich hams. We have two HRO receivers on a lower shelf in the back of the W7DK operating room.

The real star of the Antique Museum is the "Old Oak Rig" which has been described before, but essentially it is an excellent home made rig typical of better home-made rigs of the mid and early 1930's. Because it is crystal controlled, for several years Morel, Mac, and I have tried driving it with the "Meissner Signal Shifter" from the Museum, so that it would be possible to call a station on its frequency as everyone does now-a-days.

The Signal Shifter is a manufactured variable frequency exciter with output over the entire ranges of 10 through 80 meters, a real innovation in amateur technology of that era. It worked fine in driving the Old Oak Rig, but it had a bad chirp. Very helpfully Michael, KB7ZDR, offered to work on it, and after he replaced all the paper condensers (capacitors), cleaned the contacts, and substituted other tubes, it now works with virtually no chirp! A few years ago when we put on a Museum program we almost electrocuted Hal W7EC after we persuaded him to send his excellent cw with our bug - which turned out to have high voltage from the Signal Shifter. We promise to avoid a re-enactment at our up-coming program!

Many more old radios are sitting on our Museum shelves waiting for some of you to help look up their stories, make descriptive cards, possibly get them operating, or, at least, arrange them in attractive displays. The Radio Club's exhibits at the Puyallup Fair sets a wonderful example.

During the program which Morel and I will put on for the second meeting in May, we will exhibit and explain a few of those old rigs briefly. Since a couple of fellows told me they related to my description of the thrill, even ecstasy, of getting my first little one-tube transmitter to oscillate, I had thought of entitling that presentation "Ham Radio, Better Than Sex, a Gurley Show!" But I thought better of it, because some Boy Scout mother ...or some XYL....might not allow their family member to attend.



QST QST QST

From the W7DK Club Station

HF Net every SUNDAY
28.375 MHz USB
2000 Hrs. Local

ATTENTION EVERYONE!!!! EMAIL ADDRESSES WANTED!!!

In the near future, we would like to start sending the Logger's Bark to as many people as possible as an email attachment. This will reduce our mailing costs considerably if we have an email address for all members. We understand that we will still have to do some mailing but if we can keep it at a minimum, it will work. If you do not wish to have your email address published in the roster, just let us know.

Send this information to:

Scott Clausen, NF7Y
1207 106th Avenue CT E
Edgewood, WA 98372-1588
253-925-8637
shebang@qwest.net

ARRL RCT VE Team Report

In February 2002, 34 persons tested, 17 persons in March and 18 persons in April for a total of 69 persons participating during the VE Testing sessions. Out of the 69 people, 56 people either upgraded their license or achieved a new license. Of the remaining 13 persons, 4 successfully passed the element attempted but received no upgrade and the other 9 were unsuccessful in their attempt to pass the requested test elements.

Overall, there were 70 test elements given. 60 were passing and 10 failures for a percentage rate of 86% passing.

Achievements included 25 Technician Class licenses, 3 Tech/wHF, 17 General Class license and 11 Extra Class licenses.

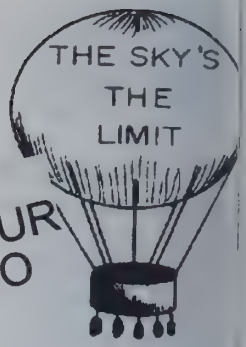
Congratulations to club members Geoff Howell, KD7QBC; Lucas Howell, KD7QBD; George Lightner, Steve Morton, Call Pending, who now have a Technician Class license and William J Lucus, KB7IHB who now has a Technian with HF license . Congratulations to club members Frank Bannon, KC7CQW; Jessica Carter, KD7LZW; Victoria Carter, KC7TCX; William Shockley, III, W5GYW; and Frederic Swan, KC7ZWD, who now have a General Class license and to club members Jeffrey Carter, KD7LZV; F. Roland Svensson, KD7MAA; and Joseph C Douglas, KC7FF, who now have an Extra Class license.

Of special note for these testing sessions is a great big **CONGRATULATIONS** to **Audrey Morton, KD7KAK**, who is a 10 year old **EXTRA CLASS** licensee as of the March testing session.

Congratulations to all other persons upgrading or achieving a new license.

A special thanks to the VE Team members who participated in these very busy testing sessions. It couldn't be done without you.

73, Shirley, N7QHW, Radio Club of Tacoma VE Team Liaison



MAY CONTESTS JUNE

May 4-5
IPA Contest
MARAC County Hunters Contest, CW
10-10 International Spring Contest, CW
Microwave Spring Sprint
Indiana QSO Party, CW/SSB
New England QSO Party, CW/Phone

May 11-12
Nevada QSO Party--CW/SSB/RTTY
Oregon QSO Party--CW/SSB
FISTS Spring Sprint--CW
50 MHz Spring Sprint

May 18-19
His Majesty King of Spain Contest, CW

May 25-26
CQ WW WPX Contest--CW
QRP ARCI Hootowl Sprint--CW

May 27-28
MI QRP Memorial Day CW Sprint

June 1-2
WW South America CW Contest
QRP TAC Contest--CW

June 8-10
ARRL June VHF QSO Party--1800Z Jun 8-0300Z Jun 10
RSGB Jubilee Contest--CW/SSB--sponsored by the RSGB from 1000Z Jun 8-1000Z Jun

June 15-16
Kid's Day Operating Event--from 1800 to 2400Z Jun 15
SMIRK QSO Party--6 meters only
West Virginia QSO Party--CW/SSB

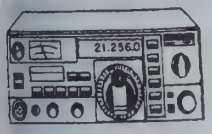
June 22-23
ARRL Field Day--1800Z Jun 22 to 2100Z Jun 23
QRP ARCI Milliwatt Field Day--1800Z Jun 22-2100Z Jun 23
His Majesty King of Spain Contest, SSB

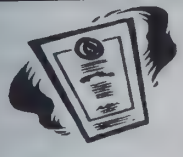


Want more info, check
www.arrl.org/contests

10 METER NET CHECK-INS MARCH

W7GFC	(5)	George
AC7LK	(5)	John
KD7AAG	(4)	Mark
K7JIL	(4)	Jill
AC7JY	(4)	Frank
AC7QN	(4)	Chuck
W7WG	(4)	Worth
N7ANF	(3)	Rich
AC7KQ	(3)	Ray
KD7QAH	(3)	Ray
AC7BU	(3)	Al
KD7IBU	(2)	Bob
WA7IVO	(2)	Nick
WA7OHG	(2)	Wade
K7ROL	(2)	Carol
KB7QAG	(2)	Jeff
N7BUW	(1)	Bob
N7BXE	(1)	Tim
K7DBU	(1)	Jack
KC7EQ	(1)	Angela
KK7FM	(1)	George
KD7MJR	(1)	Claude
N8PSJ	(1)	Pete
N7QHW	(1)	Shirley
N7QHX	(1)	Tom
KC7SAC	(1)	Berry
KC7UFX	(1)	Tom
NF7Y	(1)	Scott
KC7ZWM	(1)	Jessica





FIRST CONTACT AWARD

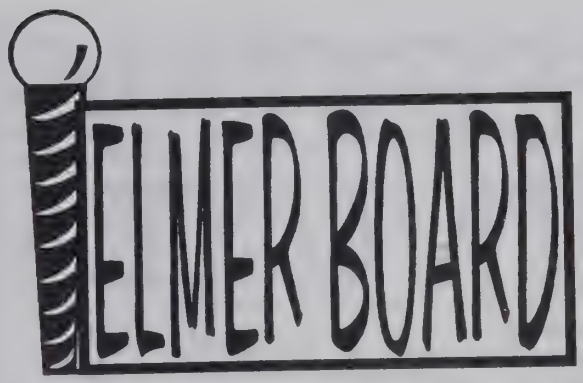
Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First Contact Award will be issued.

▶▶▶ ADDRESS CHANGES ◀◀◀

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail.

Send changes to : Radio Club of Tacoma PO Box 11188 Tacoma, WA 98411-0188 or give them to Scott Clausen, NF7Y, at meetings, telephone @ 253-925-8637 or email shebang@qwest.net

If you are simply changing from your summer to winter address or vice versa you can notify Shirley Murphy, N7QHW, @ 253-265-3661 or email sundance@harbornet.com or Scott as indicated above.



Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members area their areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment

Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Frank, AB7YZ	253-752-8520	2,3
Roger, WA7ANJ	253-475-4293	1,2,3,4,7,8,11
Angela, KC7EQ		2

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the board!

(Ed. Note – We need more volunteers on the elmer board. Please add your name to the list!)

Editor's Notes

de Kathleen, NØEYK



We are in final preparations for departure from AZ for the summer. We will be on the road for a month, going as far east as Racine, WI before winding our way back to Puyallup. Maybe we can have an eyeball QSO or two. See you in June. Kathleen - kathleen@naceplace.com

PINOCHLE



PINOCHLE & POTLUCK

Saturday, May 4th, 7 PM

For info call:

Jack, WA7ENB, & Marilyn Moore

253-759-4898

Next gathering - **2nd Sat.** - June 8th, 7 PM

MEETING MINUTES

Radio Club of Tacoma
General Membership Meeting
13 February 2002

The meeting was called to order at 7:30 PM with the flag salute led by Mick, KK7QS. Introductions were made around the room.

Illness or Silent Key: Nora, KC7JME, had a fall and is in Madigan Hospital. John Bryan, KD7LZT, is a SK.

Correspondence: Renewals, QSLs, newsletters, bills, and insurance paperwork.

Treasurer's Report: In the Bark and on the board.

Announcements: Jerry, W7BUN, upcoming programs, ARRL messaging. Classes signing up again.

Program: Show and Tell. Participants were: Jerry; Rob, WB7QCS; George, KK7FM; Mac, W6NBD; Keith, KD7KPY; Hal, W7EC; Scott, NF7Y; Gary W7DO; Jean, KB7SVX; Rich, N7ANF; Worth, W7WG;

Committee Reports:

***Membership*:** Scott, NF7Y. We are still looking for renewals.

IRLP: John, AC7LK - all parts are in and it should be up soon.

FAIR: Jill, K7JIL, still looking for Fair sign ups. She also reported talking to the repeater committee about the ID overriding a call.

***Special Events*:** Dana, KD7KPZ. Contact her to help out. Mick, reported that our

Flea Market: Mick. Reported that our flyers were printed up. He also said we need help at our table at the Mike and Key Flea Market.

Planning Committee. John, AC7LK. The report is in the Bark. Identified needs, inventory of equipment, clean up of clubhouse and repairs. Input wanted from the members.

Old Business: Mick reported on the Board meeting.

New Business: None

Tuning and Traffic: Al, AC7BU, worked a Texas 10 meter mobile station. Phil, W7PFZ, has worked 85 countries on 5 watts or less. Scott worked the South Pole on 20 M.

Hints and Kinks: Don't forget Saturdays at the clubhouse.

Good of the Order: We are going to rejuvinate the Logger's Certificate program. Anyone can work 10 club members and get a handsome certificate. Give your list to Nick, WA7IVO.



If you can give rides to the meetings, or need a ride contact Ed, KC7OKS, we are trying to set up a car pool roster.

Drawing: Door prizes won by: Rich, a Mrs. Fields candy Valentine, Al, AC7BU a Valentine, and Norm, KB7UKM, a book. Margaret, a visitor, won 50/50 $38.50.
Number in attendance was 37.
The meeting was adjourned at 9 PM.
Respectfully submitted,
Ed Root, KC7OKS, Secretary

TREASURER'S REPORT

de Roger, WA7ANJ

The March report is in the last BARK. Thanks.





ELMER TODAY
VOLUNTEER!

SPECIAL SERVICE CLUB
ARRL

SATURDAY SWAP AND SHOP

Saturday, MAY 25th, at the clubhouse, from 10 AM to 2 PM. Bring items to sell (and money to buy!). Also come with those questions that haven't found answers and check out the museum or take a turn at operating the club station. See YOU there!



Ra o Club of Tacoma
Ge eral Membership Meeting
27 ebruary 2002
Th meeting was called to order at 7:35 PM with the flag sa e led by Mick, KK7QS. Introductions were made ar nd the room.
Il ss or Silent Key: Wade, WA7OHG, has a bad knee. Fr k, AC7JY, feeling bad.
Co espondence: Renewals, QSL cards, bank statements, tax statement, address corrections, insurance policy newsletters, phone bill, an invitation to attend a meeting of the Burley Radio Club on April 18th, and a thank you note from the Morgan family.
Tr surer's Report: In the Bark.
An ouncements: Jerry, W7BUN, is signing up students for a General class for the middle of March. Upcoming programs, 3-13, sunspots and solar flux, 3-27, YLRL.
The beam antenna rotator is in place and working. Mick thanked those that helped.
One table is reserved at the Mike and Key ARC Flea Market on March 9th.
Bill, K7BUD, is trying for a good date for the W7DK at the Beach picnic.
Pr gram: ARRL message handling and format.
Co nmittee Reports:
Fi ld Day, Jerry reported we need a piece of ½ inch OD aluminum to fix our CW antenna.
Ol Business: None
Ne w Business: Anything you wish to have discussed at a Board meeting should be turned in to Mick early so it can be placed on the agenda.
Go od of the Order: Loggers Certificate can be earned by working 10 members in good standing. Any mode.
Thanks to Frank, KB3NV, and Jack, K7DBU for donations to the club.
Nick announced that we need a new equipment custodian.
Dr awing: Door prizes won by George, KA7HGE, Jerry, and Nick, WA7IVO. Phil, W7PFZ, won the 50/50 drawing for $31.50
The roster had 28 in attendance.
The meeting was adjourned at 8:45 PM.
Respectively submitted,
Ed Root, KC7OKS, Secretary



adio Club of Tacoma
oard Meeting
March 2002
lick, KK7QS, called the meeting to order at 7:33 PM.
he Bark will be late this month due to Nora's, KC7JME, injury.
The minutes were approved with the change showing that the Vice President, Rich, N7ANF, opened the last Board meeting.
Membership report by Scott, NF7Y.
Correspondence: Bank statements, membership renewals, a check for books, a letter from the library about a reading program.
Committee Reports:
Publicity, Todd, KD7NPT, is working on getting us some media coverage. Jerry, W7BUN, wants to be involved in the coverage for Field Day. A copy of the new club flyer was passed around for comment.
Club Station: The 10-meter vertical is up in a temporary location, and the Rohn tower sections have been acquired.
Equipment: Rob, WB7QCS, has volunteered to keep the portable antenna towers in shape.
W7DK at the Beach: Will be held Sunday June 9th at Owens Beach. No Saturday dates were available.
We need an ***Equipment Custodian,*** and need to update the inventory lists. George, KK7FM; Frank, AC7JY; Nick, WA7IVO; and Mick, KK7QS, volunteered to do the job.
Mick reported on the Communications Academy 2002 coming up, and George gave some information about it
Long Range Planning: John, AC7LK, reported that they were developing a Timeline for the Club. A recommendation to have the Clubhouse and grounds fixed up and cleaned up. Also a recommendation to fix up the classroom. A committee was formed to handle this and Chuck, AC7QN, volunteered to chair it.
The board authorized the use of the Clubhouse for a youth day. We will send letters of invitation and provide refreshments.
M/S/P to provide John with a set of keys so he has access to get the IRLP up and running and other projects he is working on.
A reminder that the last Saturday of the month is the mini flea market. We have been serving refreshments, and need some volunteers to continue bringing items and helping.
ARRL: Jerry reported that we have renewed our affiliation.
Western Washington Fair: Jill, K7JIL, sent a sign up sheet around.
Flea Market: Meeting April 4th at the clubhouse. Contact Frank for details.
Present: Al, K7HW; John, AC7LK; Nick, WA7IVO; Frank, AC7JY; Jill, K7JIL; Rob, WB7QCS;
Jerry, W7BUN; George, KK7FM; Worth, W7WG; Morel, W6LIX; Mick, KK7QS; Roger, WA7ANJ;
Scott, NF7Y; Bud, K7BUD, and Ed, KC7OKS.
The meeting was adjourned at 9:15 PM.
Respectfully submitted,
Ed Root, KC7OKS, Secretary

Radio Club of Tacoma
General Membership Meeting
13 March 2002

The meeting was called to order at 7:31 PM with the flag salute led by Mick, KK7QS. Introductions were made around the room. We welcomed several visitors.

Illness or Silent Key: Nora, KC7JME, is doing well.

Correspondence: Membership renewals, newsletters, World Radio News, QSLs, ARRL New ham list.

Treasurer's Report: In the Bark and on the board.

Program: Cancelled The speaker was called in to work. We enjoyed eyeball QSOs.

Committee Reports:

Training, A General class is starting Monday, and an Amateur Extra class is scheduled for mid April. Reported by Jerry, W7BUN.

Membership. Scott, NF7Y, reported that we are still collecting 2002 dues.

Flea Market. Frank, AC7JY, reported that a meeting is scheduled for April 4, 2002 at 7 P.M. at the clubhouse.

Field Day. Jerry, W7BUN, says we should sign up now to get our choice of bands.

Western Washington Fair. Jill, K7JIL, sent a sign up sheet around. There are still times to be filled.

Mick, reported on the Board meeting.

Next program will be on the YLRL. Young Ladies Radio League. Upcoming, pacemakers, and a program about our museum.

Old Business:

W7DK at the Beach, will be Sunday June 7, 2002 at Owens Beach, Point Defiance Park. It will run from about 10 A.M. to 4 P.M.

An explanation was made on the status of the IRLP at the clubhouse and what it was.

Announcements: Mick thanked those who helped at our table at the Mike and Key ARC Flea Market.

Frank announced that there would be a demonstration area in a building at our Flea Market.

Rob, WB7QCS, asked for some help to get the portable tower moved to his house for checking. Needed a pick-up truck.

Rich, N7ANF, talked about the need for railings in the clubhouse hallway near the restrooms.

New Business: Need a crew to set up the Rohn tower at the north end of the garage.

Rob, recommended that we have a feature in the Bark called, "Who's That?" It would feature different club members and give some info about them. Mick suggested that it could also be placed on the web site.

Tuning and Traffic: Jerry reported that next Sunday a brand new country would be on the air. Ducie Island.

Mick told of a signal received from the Pioneer 10 spacecraft. The signal took 20 hours and 8 minutes to reach the Earth.

Morel, W6LIX, got an 88 from a friendly Italian station.

Hints and Kinks: Worth, W7WG, reported on some problems with the 40/80-meter antenna.

Rich reported that he had found some stuff that included some old porcelain insulators.

Al, AC7BU, reported that we had a space problem with the table at the last code testing.

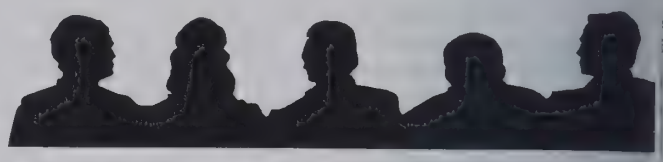
Drawing: Door prize $10 gift certificate won by Rich. 50/50 drawing $35 won by Phil, W7PFZ

Number in attendance was 34

The meeting was adjourned at 8:30 PM.

Respectfully submitted,

Ed Root, KC7OKS, Secretary



Radio Club of Tacoma
General Membership Meeting
27 March 2002

The meeting was called to order at 7:30 PM with the flag salute led by Mick, KK7QS. Introductions were made around the room.

Illness or Silent Key: No new reports

Correspondence: ARRL Special Service Club renewal, thank you note (read to meeting), renewals, bank statements, newsletters, and bills.

Treasurer's Report: In the Bark

Announcements: Jerry, W7BUN, Field Day coming up. Will be in the same place as last year. Jerry has a website for digital modes.

Program: YLRL. Young Ladies Radio League. Presented by Sara Lyon, AB7PS, assisted by Bob Lyon, AA7YD.

Committee Reports:

Training, The next Tech class will be the first weekend in May. Extra class is full. Jerry is taking signups for more classes.

Programs. Upcoming. Sunspots by W7DO, and Pacemakers by N7QHX

Public Service. Dana, KD7KPZ, reported that events are starting. Contact her to help.

Flea Market. Next planning meeting is April 11, 2002. 7 P.M. at the clubhouse.

Western Washington Fair. Sign up sheet going around Contact Jill, K7JIL.

Tuning and Traffic: IRLP computer problems have kept it from being ready.

Hints and Kinks: Reminder that the last Saturday is the mini flea market at the clubhouse.

Good of the Order: Roger, WA7ANJ, told a funny story.

Drawing: Door Prize, colored nylon ties, won by Fred, KC7OKS. 50/50 drawing $21 won by Jean, KB7SVX.

Number in attendance was 25

The meeting was adjourned at 8:30 PM.

Respectfully submitted,

Ed Root, KC7OKS

NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW
TO CONTINUE
RECEIVING YOUR BARK

ARES/RACES

...de Dana Marshall, KD7KPZ,

There's lots of news to pass on. Alan Hughes, K7SVU, has stepped down as EC for ARES and the RACES Radio Officer. I am taking over as EC/Assistant Radio Officer. The next event is the Sound to Narrows on June 8, 2002. The next event after that is the Tour de Pierce, which is unfortunately on the Sunday of Field Day weekend. If you do not participate in Field Day, I would gladly accept your help in doing communications for this be race.

I'd like to thank the Radio Club of Tacoma for the donation of $200 to ARES/RACES. It's greatly appreciated.

If you have any questions or concerns, please contact me. My email is kd7kpz@danawheels.net, and phone is (360) 897-9015, or pager (253) 596-7403. It's a text pager, and can accept messages if you go to http://www.cookmail.com.

73, Dana, KD7KPZ
Emergency Coordinator, Pierce County ARES
Assistant Radio Officer, Pierce County RACES
<http://piercecounty.danawheels.net>



odel 350-C1 Impedence Bridge with
odel 855 Generator Detector $100

461 B & K Scope $100

340 B & K Mobile Power Supply $25

F20 Sencore Transistor Tester $25

050 B & K Audio Generator $75

2000D B & K Signal Generator $120

30 B & K Condenser tester $20

ll equipment is in mint condition.

ontact: Cliff Osborne, W7MFG
1454 N Shirley St
Tacoma, WA 98406
253-752-8756

AREA SWAP MEETS

11 May 2002
Stanwood-Camano ARC Stanwood, WA
Contact: John McCann, N7MZ
Phone: 360-629-2921
Email: huppert@whidbey.net

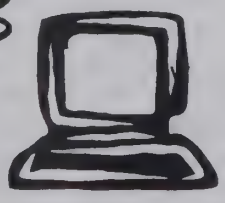
31 May, 1-2 June SEAPAC 2002

14 Sept 2002 Radio Club of Tacoma FleaMarket
Contact: Frank Palmer, AC7JY
3817 169th Street, Ct. E
Tacoma, WA 98446
Phone: 253-539-1685
Email: hamtalker@aol.com

SCHEDULE YOUR SWAPMEET VISIT

ON THE WEB

www.w7dk.org
Come see us!



Radio Club of Tacoma License Exams

MAY 14, 2002

7 PM RCT Clubhouse
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $10. For information call: Shirley Murphy, N7QHW @ 253-265-3661

STAMPS FOR CHILDREN



I am trying to collect stamps for the Shriner's Hospital for Children. They can either contact me, Bob, KD7IBU, or send the stamps to the following address:

Stamp Club
Shriner's Hospital for Children
2425 Stockton Blvd
Sacramento CA 95817

Thanks. Bob Tompkins, KD7IBU

◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet.

FCC INVITES COMMENTS ON NOVICE BAND, FIELD-REPAIRABLE GEAR PETITIONS

Comments are due by May 16 on two Amateur Radio-related Petitions for Rule Making put on public notice this week by the FCC. An ARRL petition, designated RM-10413, would eliminate the 80, 40 and 15-meter Novice/Technician Plus CW subbands and reuse the spectrum in part to expand the 80 and 40-meter phone allocations. Another petition filed by Nick Leggett, N3NL, designated RM-10412, would require most commercially manufactured Amateur Radio transmitters and transceivers to be field-repairable "in some manner."

Amateurs may view and comment on these proposals via the FCC's Electronic Comment Filing System (ECFS), http://www.fcc.gov/e-file/ecfs.html. (Click on "Search for Filed Comments." In the "Proceeding" field enter the rulemaking number, with "RM" in upper case and the hyphen included.)

The ARRL's petition, filed in March, asks the FCC to eliminate the Novice and Technician-Plus CW bands and reapportion these "inefficiently deployed segments" to alleviate overcrowding elsewhere. If the FCC goes along, current Novice and Technician Plus (i.e., Technician with Element 1 credit) licensees would be permitted to operate on the 80, 40, 15 and 10-meter General-class CW allocations at up to 200 W output. For General and higher class operators, the ARRL plan would implement changes in the 80, 40 and 15-meter phone bands, expanding phone segments for many amateurs.

The League's petition also seeks FCC permission to use spread spectrum on 222-225 MHz; to expand the pool of special event call signs beyond the 1x1 format to include identifiers for US territories and possessions that do not provide for mailing addresses; to clarify rules to indicate that modulated CW (MCW) is permitted for repeater station identification; and to incorporate into the rules a 1990 FCC waiver authorizing amateurs in certain areas of Colorado and Wyoming to operate on certain segments of the 33-cm band.

The Leggett petition was filed in February. "Field repair is important to the Amateur Radio Service because it enhances emergency communications preparedness and the growth of technical knowledge in the Amateur Radio Service," Leggett said in his petition.

Leggett suggests that the FCC consider mandating easily replaceable modules or circuit boards, minimum component spacings on circuit boards, removable integrated circuits mounted in sockets and other requirements for commercially made amateur transmitters and transceivers. He would exempt ham radio receivers.

Leggett concedes that some manufacturers may drop out of the amateur market if the FCC were to adopt his recommendations, but he suggests that they would be replaced by other manufacturers, such as thos making QRP equipment.

Last December, Leggett and attorney Don Schellhardt petitioned the FCC to require that all electronic equipment subject to FCC jurisdiction be shielded against electromagnetic pulse (EMP) damage.

ARRL OFFERS MEMBERS EXPANDED CONTEST COVERAGE ON THE WEB

ARRL has expanded its on-line coverage of ARRL-sponsored contests. A new membership service supplements contest coverage in QST and enhances what's already available via the ARRL Web site. The au mented coverage premiered April 19 with the results of the 2001 ARRL November Sweepstakes (CW). Among the new features is an interactive, searchable database of contest line scores.

"Contesting has come a long way since the ol paper logs, broken pencils, and hand-scored results," said ARRL Contest Branch Manager Dan Henderson, N1ND. "The addition of expanded ARRL contest results on our Web site takes contest reporting to the next level."

Access to the new services is limited to ARRL members, who must first be logged onto th ARRL Web site with user name and password. All expanded coverage is linked from the ARRL Conte Results page <http://www.arrl.org/contest/results/>.

In addition to the information normally presented in QST, the new searchable database will includ band-by-band QSO breakdowns for all participants, as well as hours operated and any club affiliation. The data base will be searchable by call sign and entry class as well as by ARRL section, division or club. Results can b sorted by several criteria.

Another new feature is a more extensive Soap box for each contest that will allow entrants to share the observations and photographs right after a contest.

Largely freed of the limitations of print media, the upgraded Web-based coverage will treat ARRL mem bers to a contest narrative that includes more detailed analysis, more sidebar stories and more visual images than what typically appears in QST. Updated contest category records also will be part of the expanded cover age, with details for each entry category and ARRL division and section plus overall category records.

ARRL continues to offer members and non-members a downloadable Adobe PDF of the QST article for each contest as it becomes available, plus contest rules and forms, the ARRL contest calendar, and the "Contest Corral" from QST. ARRL members also may subscribe to the ARRL Contest Rate Sheet <http://www arrl.org/contests/rate-sheet/>, the new biweekly e-mail newsletter for contesters that debuted in March.

Initially, the ARRL's expanded Web coverage will be a "work in progress," Henderson said. "Formats o the on-line portion of our contest coverage will be flexibl allowing us to improve its presentation as we try to keep it as user-friendly as possible." The Contest Branch wel comes feedback from members via e-mail, contests@arrl.org, or telephone, 860-594-0232.

AERICAN ASSOCIATION OF RADIO ENTHUSIASTS FRMED

A new ham industry trade organization, the Aerican Association of Radio Enthusiasts (AARE), has b'n formed to promote Amateur Radio and emergency cmmunications outside traditional amateur circles. The nprofit corporation also hopes to serve as a conduit for h'n radio equipment dealers and manufacturers to exc'nge ideas and work together on projects. Its stated g'l is to help ham radio grow and to double the number o'ams in five years.

"We look forward to encompassing all aspects c he Amateur Radio industry--retail dealers, manufacture and distributors," said ICOM's Ray Novak, KC7JPA, vo was chosen to serve as AARE's first president. "This u'brella organization will provide an important focal point l'ding to a great future."

Members of the Amateur Radio industry dec ed to create the trade group during an informal annual reting of Amateur Radio manufacturers held April 5 in Mwaukee in conjunction with AES Superfest 2002. The c'anization says it hopes to serve as "the voice of the rinufacturers and dealers in radio," much as ARRL speaks for Amateur Radio operators.

In addition to Novak, officers named to guide ARE through its first year include Vice President Rick Hhl, W4PC, of Creative Services Software, and Secrety-Treasurer Evelyn Garrison, WS7A, who represents Anco.

The AARE Web site <http://www.aaregroup.o>, now under construction, will provide additional inf'mation. Dealers and manufacturers of radio products ierested in joining AARE should contact Evelyn Garri'n, evelyn@aaregroup.org.

RAFT ELEMENT 2 SYLLABUS RELEASED FOR OMMENT

The Question Pool Committee of the National 'nference of Volunteer Examiner Coordinators has reased a draft syllabus for the Element 2 (Technician) nateur Radio examinations. The QPC is inviting coments on the document.

The syllabus is an outline of 10 question topic eas--called "subelements"--from which actual examina'n questions will be developed. For Element 2, these clude FCC rules, methods of communication, radio phe'mena, station licensee duties, control operator duties, 'od operating practices, basic communications electrons, good engineering practice, special operations, and ectrical, antenna structure and RF safety practices. ubelement T0, Electrical, Antenna Structure and RF afety Practices, has been expanded to include all safety sues--electrical, antenna/tower and RF.

A question pool based on the revised syllabus ill be released later this year to take effect July 1, 2003. he QPC will invite public input on the Technician ques'ns as well.

A new Amateur Extra class question pool reased last November takes effect in the exam room on uly 1 of this year.

QPC chairman Scotty Neustadter, W4WW, requested comments to the committee by May 9. The draft Technician (Element 2) syllabus <http://www.arrl.org/arrlvec/tech-syllabus.html> is available on the ARRL Web site, which also includes all current question pools <http://www.arrl.org/arrlvec/pools.html>. The amateur community may e-mail comments to the Question Pool Committee at qpc@arrl.org.

Commenters also may e-mail individual members directly: Scotty Neustadter, W4WW, w4ww@arrl.net; Bart Jahnke, W9JJ, w9jj@arrl.org; Fred Maia, W5YI, fmaia@texas.net and John Johnston, W3BE, johnston.john1@worldnet.att.net.

COST OF QSLING TO RISE AGAIN

The United States Postal Service has announced that new postal rates will go into effect June 30. The single-piece, one-ounce first-class mail rate will increase three cents--from $0.34 to $0.37. The additional ounce rate for single-piece first-class mail will remain at $0.23. The single-piece card rate (e.g., QSL cards) will increase by two cents--from $0.21 to $0.23. For details, visit the USPS Web site <http://www.usps.gov/ratecase/

FCC PROCEEDING PUTS NEW PRESSURE ON AMATEUR MICROWAVE BAND

The FCC has again targeted Amateur Radio's primary allocation at 2390 to 2400 MHz for possible sharing or use by other radio services. A Notice of Proposed Rulemaking (WT Docket 02-55)--released in mid-March but not yet available for public comment--invites comments on either sharing the band with public safety services being displaced from 800 MHz or moving amateurs elsewhere. The ARRL plans to file comments in the proceeding.

The FCC says increasing incidents of harmful interference to public safety systems in the 800-MHz band prompted the proceeding, "Improving Public Safety Communications in the 800 MHz Band." To alleviate the problem, the Commission now is looking into restructuring the 800 MHz band and moving some occupants elsewhere.

"In this proceeding, if commenting parties believe that incumbent amateur services cannot co-exist with relocated 800 MHz services," the FCC said, "we seek comment on whether incumbent amateur services could be relocated, what spectrum could be used for their relocation, and what procedures would apply to such relocation." The FCC NPRM identifies 2390-2400 MHz as an "Unlicensed PCS Band." Unlicensed, asynchronous PCS devices were authorized there in 1995, but Amateur Radio remains primary.

The FCC also will seek comments on whether existing UPCS operations could continue in the band or be forced to cease. It also wants input on "the suitability of the 2390-2400 MHz band as replacement spectrum and whether there are other band segments with which this band could be paired." The FCC noted that the adjacent 2385-2390 MHz segment already is slated for auction.

The FCC said its discussion of 2390-2400 MHz and other segments in terms of replacement spectrum was intended to be "illustrative rather than exclusive" and that other bands "may also merit consideration."

Just last summer, the FCC invited comments on its proposals to reallocate some spectrum in the 2390 to 2400 MHz amateur segment--as well as in the non-amateur 1.9 and 2.1 GHz bands--for possible use by unspecified mobile and fixed services. The Commission has proposed 2390 to 2400 MHz and other bands to support the introduction of advanced wireless systems, including so-called third-generation (3G) mobile systems. The FCC also has asked for comments on whether amateurs could share the band with government users.

The complete NPRM is available via the FCC Web site <http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-02-81A1.doc>. The FCC will officially invite comments for 30 days after the NPRM is published in the Federal Register. Reply comments will be due 60 days following publication in the Federal Register.

NEW ENGLAND QSO PARTY SET FOR MAY

A combined QSO party for the six New England states--Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island and Vermont--will take place the first weekend in May. It will replace the individual state QSO parties. The inaugural NEQP will be held Saturday and Sunday, May 4-5, starting at 2000 UTC Saturday until 0300 UTC Sunday (4 PM until 11 PM Saturday Eastern Daylight Time) and resuming at 1100 UTC Sunday until 2400 UTC Sunday (7 AM until 8 PM Eastern Daylight Time Sunday). New England stations may work anyone. The NEQP includes mobile or fixed categories for single operator--high-power, low-power and QRP--and multi-operator, single transmitter. Certificates will be awarded to the top scorers in each New England county, US state, Canadian province and DXCC entity, and special plaques will be awarded to top scorers. For full information, visit the New England QSO Party Web site <http://www.neqp.org>. Address questions via e-mail to info@neqp.org.

GERMAN VOTE FAVORS RETENTION OF MORSE REQUIREMENT

The results of a mail-in vote of Deutscher Amateur Radio Club (DARC) members on whether to retain a Morse code requirement as an examination criterion for HF access indicates DARC members almost split on the issue. Of the 17,455 votes cast, 8530 (48.8%) favored retaining the existing 5 WPM requirement in Germany while 7781 (44.6%) favored abolishing the requirement. DARC said 1133 ballots were nullified (for a variety of reasons that included ballots from nonmembers and duplicate ballots), and 11 took no position.

B & W CO-FOUNDER JOHN F. "JACK" WILLIAMSON, W3GC, SK

Jack Williamson, W3GC, of Newtown Square, Pennsylvania, died March 19. He was 95. Williamson was the co-founder of Barker & Williamson--B & W--once a well-known US manufacturer of Amateur Radio equipment. First licensed in 1921, Williamson in his youth earned a widespread reputation for his radio knowledge, and even radio manufacturer Atwater Kent and his engineers sought Williamson out for his technical advice. After leaving his electrical engineering studies at Drexel Institute when the Depression hit, he and long-time friend Earle Barker, W3DGP, then out of work, launched a new business to manufacture RF coils for amateurs. B & W did so well in the pre-World War II years that Hallicrafters engineers, frustrated in their attempts to design an antenna tuner for the BC-610 that could match short antennas to Signal Corps specifications, approached the fledgling company. B & W's prototype was accepted, and a production contract was awarded for the tuner, known as BC-939. That led to additional contracts. After WWII, the company was successful in both the military and ham radio sectors. Most notable in the B & W amateur line were their coils and transmitter variable capacitor products and the model 5100 all-band transmitter. While Barker retired, Williamson continued operating B & W until its sale in 1964. He had been an ARRL member for 22 years and had continued as an active amateur until recently.

ARRL MEMBERSHIP

If you haven't joined or rejoined the ARRL, please do so through the Radio Club of Tacoma! The ARRL is the major voice for Amateur Radio in the US and, besides providing a wealth of information to its members, they provide us with a voice in Washington to help protect the interests of all amateurs. Additionally, RCT is an ARRL Special Service Club and RCT needs to have at least 51% of its members belong to the ARRL to retain its Special Service Club status. See the Treasurer for application forms, and bring your ARRL renewal notices and rejoin through the club. The club receives a commission for each new or renewed membership sent through the club.

SPECIAL SERVICE CLUB

JOIN TODAY!

See our club treasurer or membership person for details.

Communications Academy 2002

The fourth annual Communications Academy took place at the NOAA site in Seattle on March 23 and 24. The event was devoted to emergency communications and, as you might imagine, was well attended this year because of recent events. The conference is like a three-ring circus with a wide variety of topics being addressed in three different rooms simultaneously. I came away with a nearly overwhelming sense of the enormity of the job of providing communications in a disaster. The clear message of the weekend was that there is no substitute for preparation—that preparation and constant practice are the only way to overcome the panic and disorganization in a disaster.

Participants came from a wide area of the Northwest, including Canada, Montana, Idaho, and California. Unfortunately, Pierce County was poorly represented. Ed Bruette (N7NVP), our Section Emergency Coordinator, in his opening remarks, encouraged us all to learn and network there, then take the knowledge home to use and share, and finally to recruit more hams to help in this important work. Ed also pointed out that the world of disaster response is forever changed by 9/11. The issue of *security* is paramount for first responders. There is some concern whether any of our police will recognize a DEM card or other ham I.D. Several of the other speakers reinforced the idea saying that the best chance to help in a disaster is to be *known* by virtue of having participated with various government entities in previous events. Security concerns prevented many well-meaning hams from helping at the Pentagon or World Trade Center disaster areas. A good heart and a handheld radio are not enough any more. That does not mean that we are not very much needed, however. Dominic Marzano, Assistant Fire Chief from Kent, stressed that normal emergency communications *will* be overtaxed in a disaster despite what the bureaucrats think. However, one cannot prepare at the last minute, or on the job, and security considerations will exclude even some qualified communicators if they are not somehow "known".

The keynote speaker was Tom Carubba, KA2D, the EC for the New York-Long Island section, who was at the center of the Ham Radio response to the World Trade Center attacks. He said they were able to do what none of them ever imagined because they had done all of the boring mundane training over the years. He was grateful for the response from the ham radio community but said that many well-meaning hams had to be turned away for lack of credentials and/or experience. Tom shared many insights but returned again and again to the importance of preparing ahead of time for disasters.

In the three-ring circus, one session was used several times for an overview of the new ARRL Emergency Communications course, available on-line. The hope is that the standardization and credentials provided by this course will assure that those who turn up to assist in a disaster will be on the same page and be recognized because of it.

Other lectures included:

-digital techniques
-COADs (Community organizations active in disaster)
-Bioterrorism-a new threat with evolving responses
-Radio direction finding
-Skywarn—emphasized that natural disasters are still the major cause of loss
-Practical Urban Navigation
-Marine response and rescue
-Weapons of mass destruction
-NVIS antennas (near vertical incident skywave)
-tactical vs. formal communications
-Washington earthquakes: past and future
-Real World considerations for communicators
-Field communications—equipment and techniques for the field

Participation by Pierce County amateurs was disappointing. While it is generally understood that Pierce County and Tacoma bureaucrats are not very open to Amateur Radio assistance, a recurring theme of the weekend was that in every disaster, communications is a bigger problem than anyone anticipated. Unfortunately, by the time the public officials understand that we can help, it is too late to begin preparing. It is important for all of us to begin participating in ARES/RACES at whatever level we can, now, so that our public officials can begin to understand that we can be an effective back-up to their emergency communications. Regular practice will help us to be both effective and known. I would encourage everyone to get involved. Contact Dana, KD7KPZ, (360-897-9015, or kd7kpz@danawheels.net)

George Noble, KK7FM

RADIO CLUB OF TACOMA
PO BOX 11188
TACOMA, WA 98411-0188

[ ] NEW MEMBER (ONE APPLICATION PER MEMBER)

[ ] RENEWAL (ONE RENEWAL FORM PER FAMILY OK) ☐

MEMBER CATEGORY: [ ] FULL [ ] SENIOR [ ] ASSOCIATE [ ] FAMILY [ ] LIFE [ ] STUDENT [ ] REINSTATEMENT

Name_____ Call_____ Class_____ Birthday_____

Address_____ City/State_____

Zip+4_____ Home Phone(____)_____ Work Phone(____)_____

e-mail address_____ Publish phone number/e-mail in the Club Roster? Yes [ ] N

Former Call(s)_____

Are you a Volunteer Examiner ? Yes [ ] No [ ] If Yes, which VEC? ARRL [ ] W5YI [ ] Other [ ]

Occupation (or former occupation)_____

Are you a member of: ARRL [ ] ARES/RACES [ ] MARS [ ]

FAMILY MEMBERS NAME, CALL, AND LICENSE CLASS (RENEWALS ONLY)

_____

_____

_____

THE RADIO CLUB PARTICIPATES AND SUPPORTS THE FOLLOWING ACTIVITIES EACH YEAR. PLEASE MARK THE BOX I FRONT OF THE ACTIVITY OR ACTIVITIES THAT YOU WILL HELP SUPPORT. WE NEED YOUR HELP AND SUPPORT, **PLE… CONSIDER AT LEAST ONE ACTIVITY THAT WE CAN COUNT ON YOU TO SUPPORT. PLEASE CHECK THE FIRST BOX IF O… ARE EXPERIENCED OR ALREADY INVOLVED. CHECK SECOND BOX IF YOU WOULD LIKE TO LEARN MORE ABOUT THI…**

[ ] [ ] DIGITAL COMMUNICATIONS	[ ] [ ] VE TEAM	[ ] [ ] EMERGENCY COMMUNIC…
[ ] [ ] FIELD DAY	[ ] [ ] PUBLIC RELATIONS	[ ] [ ] CLUB NEWSLETTER
[ ] [ ] ANNUAL FLEA MARKET	[ ] [ ] TEACHING CLASSES	[ ] [ ] CONTESTS
[ ] [ ] BOOTH AT THE WWA FAIR	[ ] [ ] ANTIQUE RADIOS	[ ] [ ] VHF/UHF
[ ] [ ] WORKING WITH YOUTH GROUPS	[ ] [ ] DX	[ ] [ ] EXPERIMENTATION

Other hobbies, interests, skills:_____

Club badges are available for $9.00. If you would like a badge, please PRINT the following:

Badge Name_____ Badge Call Sign_____

Applicant's Signature_____ Date_____

ANNUAL MEMBERSHIP DUES: FULL OR ASSOCIATE MEMBER $30
FAMILY MEMBER (AT SAME ADDRESS, FIRST TWO) $15 EACH (ALL ABOVE 2 ARE FR…
SENIOR MEMBER (65 AND OVER) $25 FULL-TIME STUDENT (UP TO AGE 25) $15
LIFE MEMBERSHIP = 20 TIMES ANNUAL DUES (PAYMENT PLAN AVAILABLE)
Seven dollars ($7.00) of your annual dues is for the Club's monthly newsletter (The Logger Ba…

FOR RCT USE ONLY

Dues received $_____ Treasurer's initials_____ Date_____

Badge fee rcvd $_____ Treasurer's initials_____ Date_____

Receipt Number_____ **Radio of Tacoma Membership Number**_____

IE LOGGER'S BARK
F dio Club of Tacoma, Inc.
F) Box 11188
Tcoma, WA 98411

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ETURN SERVICE REQUESTED

COMING EVENTS

JUN 5 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

JUN 8 - Pinochle Potluck - 7 PM, Clubhouse

JUN 9 - W7DK at the Beach, Owen Beach, 10 AM - 4 PM

JUN 11 - License Testing - 7 PM, Clubhouse

JUN 12 - Club Meeting - Library Administration Center, 7:30 PM
Program: FINAL FIELD DAY PLANS

JUN 15 - BARK deadline

JUN 22 - 23 - FIELD DAY - Y'all come!

JUN 26 - Club Meeting - ***CLUBHOUSE***, 7:30 PM
Program: EYEBALL QSOs



- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- *Check in on the 10 Meter Net every Sunday evening, 8 PM, on 28.375 MHz USB*
- See page 3 for meeting program schedule. Check the weekly net for updates to the program schedule.
- YLs - Check in to the YL Net on the 147.28 repeater every Monday at 8 PM.

CELEBRATE SUMMER!

W7DK CALENDAR

June 2002

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1 WILLIAM CHLDERS KD7NJV * ROY MYERS JR WA7UZL * 9:00 OPEN HOUSE
2	3	4 MICHAEL SORONEN KB7SCO * DIANA BUSHNELL WA7BLF * 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	5 7:30 PM RCT BOARD MTG	6	7 NICK WINTER WA7IVO *	8 9:00 OPEN HOUSE
9 10:00AM - 4:00 PMW7DK AT THE BEACH AL CAMPBELL KA7BIY *	10 GARFIELD KLINGER JR KC7LZL *	11 7:00 PM RCT LICENSE EXAMS 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	12 DAVID LEAVENS N7WGM *	13 ANGELA KORN KC7EO *	14 Flag Day TOM MURPHY N7QHX * ROBERT PENSWORTH KC7HIR * WILLIAM JONEZ AB7WJ *	15 9:00 OPEN HOUSE
16 FATHER'S DAY	17 MARY COOK KC7SYW *	18 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	19 JOHN ROBBINS KA7OKU * BRIAN TERJESON NOCALL*	20 ROBERT OSBORNE KC7ZLH * BEN RASNICK K6VBC *	21 ROGER NACE K8RN * DENNIS LEVEL KC7VUL *	22 MELODY STEPP KD7RKW * 9:00 OPEN HOUSE
23 MARK RADER KC7AFO * HARRY HOWELL KB7WYO * CHRIS DEVINE KD7CZL *	24 SHIRLEY MURPHY N7QHW *	25 LOU METZ KC7VUM * GRACE TEITZEL AD7S * 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	26	27 NORM HOPPE K7DCN *	28 DEL NEWHOUSE KD7HYU * MIKE PIECHOWSKI KC7UFV * RANDY HANSON N7HNX *	29 9:00 OPEN HOUSE SWAP AND SHOP 10 AM to 2 PM CLUBHOUSE
30 CAL MORGAN W7SFT *						

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXIX NR. 6 | W7DK | JUNE 2002

FROM THE PRESIDENT

Mick, KK7QS

As I look back over the past couple of years, I see quite a bit of change. Our club is beginning to move and grow once again. We have an active committee working with our local youth. This gives us an opportunity to introduce our hobby to young people. To keep up their interest after they get their license, we offer programs and help (from experienced hams) to work with them and get them on the air. The club is also installing a few high-tech modes of operation to draw their interest toward the Radio Club of Tacoma. With PSK, Amateur TV, and ILRP we should be able to do that.

It is time once again for Field Day. I have been able to attend the last 5 and have had a great time every time. This year we have been preparing the antennas and towers ahead of time. We have already run the generators. They are both working well. In short, we are ready for the challenge. Jerry, W7BUN, has been working very hard to make this a fun event. Thanks Jerry. Last year he even got press coverage for us. (We need all the publicity we can get). Come out and join us. Operate a station, or just come out and support your club. Contact Jerry for details on the location. If nothing else, come join us for the potluck dinner on Saturday evening. See you there. (I promise we will have more than hot dogs).

Speaking of hot dogs don't forget to join us at Owen Beach for our annual "W7DK at the Beach" picnic. That is coming up on Sunday, June 9th. We traditionally have an antenna war. This means we challenge each other's creativity to see who can come up with the strangest working antenna. You would be amazed at some of the creative devices that will actually load up and work. Bring your idea and show us. Bud K7BUD, has worked hard to keep this event alive for the club. Let's all come and show our support. Bring a side dish or desert and the club will provide hot dogs and drinks. (Pop and coffee/ tea).

73 de kk7qs.

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W7DK at the Beach 2002

SUNDAY, JUNE 9th

10 AM to 4 PM

Owen Beach, Point Defiance Park

Please bring a side dish or desert to go with hot dogs, pop, and coffee.



W7DK FIELD DAY 2002

Final planning meeting - June 12th

Contesting - June 22nd to June 23rd

See page 9 for more details.

Come join in the fun!

RADIO CLUB OF TACOMA – 2002

PRESIDENT	MICK PIER	KK7QS	847-8223
V PRESIDENT	RICH MANSON	N7ANF	474-8883
SECRETARY	ED ROOT	KC7OKS	851-7463
TREASURER	ROGER TERWILLIGER	WA7ANJ	475-4293
BOARD (5)	WORTH GURLEY	W7WG	582-3844
	MOREL GUYOT	W6LIX	838-5433
	GEORGE NOBLE	KK7FM	756-1127
	FRANK PALMER	AC7JY	539-7772
	JILL PALMER	K7JIL	
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	DICK RYAN	W7RGD	627-0922
	JERRY SELIGMAN	W7BUN	845-7652
PHOTOGRAPHER			
ASSISTANT ED.	ROGER NACE	K8RN	209-5624
COMPOSITOR	KATHLEEN NACE	NØEYK	209-5624
PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 253-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350 #14060, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. *The Logger's Bark* does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in *The Logger's Bark* if credit line is included in the report.

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

SUNSHINE & CONGRATS

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please contact Jill Palmer, K7JIL, 253-539-7772
or e-mail, hamtalker2@aol.com

W7DK/Radio Club of Tacoma

147.28 / .88 MHz 144.97 - Packet
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Melody Stepp, KD7RKW RCT 2129
8505 Chambers Creek Road W
University Place, WA 98467 253-566-1442
melodystepp@earthlink.net

James Mendenhall, KE6WHN RCT 2130
4614 S. Alaska St
Tacoma, WA 98418 253-476-9200
ke6whn@aol.com

Bill Boone, KD7QBB RCT 2131
11800 NE 70th Place
Kirkland, WA 98033 425-827-8726
boones@msn.com

Reinstatements

Dennis Farnes, KA7IIV RCT 1718
403 Callendar St N.W.
Orting, WA 98360 360-893-7057
dennisfarnes@hotmail.com

Mario Badua, KD6ILO RCT 1578
5124-A Browns Point Blvd W
Tacoma, WA 98422-4546 253-952-5880
kd6ilo@arrl.net

Address/Phone Changes/Corrections

John Makebakken, N7FOW RCT 1108
3776 A St
Tacoma, WA 98418 253-383-1256

E-Mail Address Changes/Additions
New Calls/Upgrades

Nick Winter, WA7IVO wjnjr@blarg.com

Mick, KK7QS kc7tvm@worldnet.att.net

Change RCT Numbers

Silent Keys



COMING PROGRAMS AT RCT

EDNESDAY, JUNE 12TH - FINAL PLANS FOR FIELD DAY

eld Day is June 22nd and 23rd. This is the most fun activity of the year and a great learning experience for new ıms in setting up an emergency operation in the field, as well as a chance for everyone, regardless of license class, operate on HF. Every club member should plan on participating on Field Day weekend. The location will be an-)unced at club meetings, on the Tuesday and Sunday nets, and on the club's web site (www.w7dk.org). Saturday 'ening dinner is a potluck with the club supplying hot dogs, hamburgers, pop, and coffee.

EDNESDAY, JUNE 26TH - "EYEBALL QSO EVENING" AT THE CLUBHOUSE

OTE: The Library Administration Building will not be available for our use this evening, so we will ıeet at the clubhouse for a social gathering. We will have cake, cookies, coffee, and tea. Come and have a agchew" with your fellow members, operate the HF station, tour the museum, learn about the PSK-31 digital mode, ıd out how to use the ILRP on the .28 repeater, and see the new Amateur Television (ATV) station installed at the ubhouse.



...and the QSL CARD for this month is...

P5/4L4FN North Korea

Ed, 4L4FN, from the former Soviet Republic of Georgia, is working in North Korea for the United Nations food bank. There has almost no amateur radio activity from North Korea for many dec- ades, and the country has become the number one wanted DXCC entity. Ed has received operating permis- sion from the DPR Korea government and makes a few SSB and RTTY contacts after his working hours every day. He will be stationed there until June 2003.



ARES/RACES

...de Dana Marshall, KD7KPZ,

It has been a while since I've written anything for ARES/RACES so I am feeling a little rusty but will do my best. There have been several changes in the organization and I felt it would be helpful to share as much information with you as possible.

The first major change was Alan Hughes, KB7SVU, resigning his position as the Emergency Coordinator for Pierce County. I would like to take this opportunity to say "Thank You" to Alan for all his time and efforts in support of the ARES/RACES organization. He has expressed a desire to remain involved and we look forward to continuing to work with him.

After reviewing applications for the position, Monte Simpson, W7MLS, the District 3 Emergency Coordinator, appointed Paul Nadeau, N7VBJ, as the new Emergency Coordinator for Pierce County. Paul has been involved for a long time with ARES/RACES, is an OES staticn and very knowledgeable about the organization. He will be a great leader for our organization and we look forward to working with him in his efforts as our leader. Congratulations to Paul and welcome aboard. Paul can be reached via telephone at 253-922-7293 (always leave a message and your calls will be answered) or via e-mail at n7vbj@arrl.net.

Paul has appointed the following persons as Assistant Emergency Coordinators:

- Jim Lawrence, N7RHX, 360-862-1041, n7rhx@aol.com
- JoAnn Nadeau, N7VPB, 253-922-7293, n7vbj@arrl.net
- Alan Hughes, KB7SVU, 253-840-4947, kb7svu@juno.com

Rich Heasty, KK7VH, has been appointed as Net Manager for Pierce County Amateur Radio Communications Services nets. He may be reached at 360-897-5676 or via e-mail at rheasty@wolfenet.net. Contact him if you would like to volunteer to run a net.

Alan Hughes, KB7SVU, will continue as the R dio Officer for Pierce County and Paul Nadeau, N7VBJ, will be the Assistant Radio Officer.

Shirley Murphy, N7QHW, will manage membe ship applications and maintenance of the roster. Contac Shirley via e-mail at sundance@harbornet.com or at 25 265-3661 with any questions or concerns relating to De partment of Emergency Management Worker Identifica tion Cards.

The Special Events Manager will continue to b Judy La Fleur, N7NII, who can be reached via telephone at 253-847-5198 (you must leave a message and she o her representative will get back to you).

Coming soon where help is needed is the Sound to Narrows run on June 8,2002, and the Tour de Pierce which is on June 23, 2002.

I would like to encourage everyone to get acti in ARES/RACES and get behind our new leaders and give them your support.

Thanks to all for your future support.

73, Shirley, N7QHW

(Editor's Note: Thanks to Shirley for this full report.)

Dana, KD7KPZ
Assistant Emergency Coordinator, Pierce County ARES
Assistant Radio Officer, Pierce County RACES
<http://piercecounty.danawheels.net>
kd7kpz@danawheels.net

ON THE WEB

www.w7dk.org
Come see us!





Radio Club of Tacoma License Exams

JUNE 11, 2002
7 PM RCT Clubhouse
1249 S Washington in Tacoma

Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $10. For information call: Shirley Murphy, N7QHW @ 253-265-3661

STAMPS FOR CHILDREN

I am trying to collect stamps for the Shriner's Hospital for Children. They can either contact me, Bob, KD7IBU, or send the stamps to the following address:

Stamp Club
Shriner's Hospital for Children
2425 Stockton Blvd
Sacramento CA 95817

Thanks. Bob Tompkins, KD7IBU

QST QST QST

From the W7DK Club Station

HF Net every SUNDAY
28.375 MHz USB
2000 Hrs. Local

ATTENTION EVERYONE!!!! EMAIL ADDRESSES WANTED!!!

In the near future, we would like to start sending the Log-r's Bark to as many people as possible as an email attachment. This will reduce our mailing costs consid-erably if we have an email address for all members. We understand that we will still have to do some mailing but if we can keep it at a minimum, it will work. If you do not wish to have your email address published in the roster, just let us know.

Send this information to:

Scott Clausen, NF7Y
1207 106th Avenue CT E
Edgewood, WA 98372-1588
253-925-8637
shebang@qwest.net

ARRL RCT VE Team Report

In May 2002, 18 persons tested during the VE testing sessions. Out of the 18 people, 16 people either upgraded their license or achieved a new license. Of the remaining 2 persons, 1 successfully passed the element attempted but received no upgrade and the other person was unsuccessful in their attempt to pass the requested 1st element.

Overall, there were 17 test elements given and one person upgraded to General with required paper work only (more commonly known as a paper upgrade.) 16 passed and 1 failed for a percentage rate of 94% passing.

Achievements included 13 Technician Class licenses, 2 General Class license and 1 Amateur Extra Class license.

Congratulations to club member Melody Stepp, Call Pending, who now has a Technician Class license.

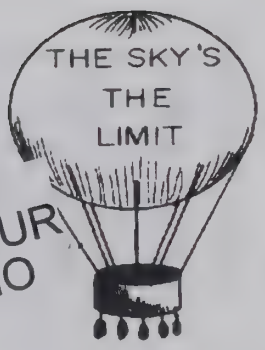
Congratulations to club member Don Leonard, KD7OKJ, who now has an Amateur Extra Class license.

Congratulations to all other persons upgrading or achieving a new license.

A special thanks to the VE Team members who participated in the two testing sessions held in May. It is very much appreciated and couldn't be done without you. Bob, Shirley, N7QHW, Radio Club of Tacoma VE Team Li-aison

Thanks to all our RCT volunteers!

JUNE CONTESTS



June 1-2
WW South America CW Contest
QRP TAC Contest--CW

June 8-10
ARRL June VHF QSO Party--1800Z Jun 8-0300Z Jun 10
RSGB Jubilee Contest--CW/SSB--sponsored by the RSGB from 1000Z Jun 8-1000Z Jun 9

June 15-16
Kid's Day Operating Event--from 1800 to 2400Z Jun 15
SMIRK QSO Party--6 meters only
West Virginia QSO Party--CW/SSB

June 22-23
ARRL Field Day--1800Z Jun 22 to 2100Z Jun 23
QRP ARCI Milliwatt Field Day--1800Z Jun 22-2100Z Jun 23
His Majesty King of Spain Contest, SSB

Want more info, check
www.arrl.org/contests





Model 350-C1 Impedence Bridge with Model 855 Generator Detector $100

1461 B & K Scope $100

1840 B & K Mobile Power Supply $25

TF20 Sencore Transistor Tester $25

3050 B & K Audio Generator $75

E2000D B & K Signal Generator $120

830 B & K Condenser tester $20

All equipment is in mint condition.

Contact: Cliff Osborne, W7MFG
1454 N Shirley St
Tacoma, WA 98406
253-752-8756

MEETING MINUTES

Back again next month...

~~~REMEMBER~~~
JUNE 26th MEETING
at the CLUBHOUSE

TREASURER'S REPOR

de Roger, WA7ANJ

APRIL SUMMARY

INCOME

BOOK SALES $228.00
BADGE SALES 18.00
FIELD DAY 18.00
RCT DUES 75.00
ARRL 39.00
TOTAL: $688.00

EXPENSES

BOOK COST $400.70
EQUIPMENT 27.00
EVENTS 142.56
FEES 117.46
OFFICE 59.90
POSTAGE 128.62
MISC 134.04
ARRL 24.00
TOTAL: $1034.28

NET LOSS: -$346.28



AREA SWAP MEETS

19-21 Jul 2002 Glacier/Waterton Hamfest
http://www.gwhamfest.org
Contact: Gerry Leach, VE6BVZ55 Templegreen Place NE Calgary, AB T1Y 4Z2 Phone: 403-285-5547 Email: leachg@cadvision.com

2-4 Aug 2002 Pacific Northwest DX
http://www.wvdxc.org
Contact: Al Rovner, K7AR18809 NE 21st StreetVancouver, WA 98684 Phone: 360-256-7437 Email: k7ar@arrl.net

14 Sept 2002 Radio Club of Tacoma FleaMarket
Contact: Frank Palmer, AC7JY
3817 169th Street, Ct. E
Tacoma, WA 98446
Phone: 253-539-1685
Email: hamtalker@aol.com

SCHEDULE YOUR SWAPMEET VISIT

ELMER TODAY
VOLUNTEER!

SPECIAL SERVICE CLUB
ARRL

SATURDAY SWAP AND SHOP

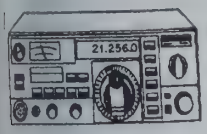
Saturday, JUNE 29th, at the clubhouse, from 10 AM to 2 PM. Bring items to sell (and money to buy!). Also come with those questions that haven't found answers and check out the museum or take a turn at operating the club station. See YOU there!

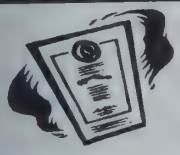



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10 METER NET CHECK-INS APRIL

W7GFC	(5)	George
AC7KQ	(5)	Ray
W7WG	(5)	Worth
K7WZU	(5)	Ray
N7ANF	(4)	Rich
K7JIL	(4)	Jill
AC7JY	(4)	Frank
AC7LK	(4)	John
KD7AAG	(3)	Mark
K7DBU	(3)	Jack
AC7QN	(3)	Chuck
KD7IBU	(2)	Bob
WA7OHG	(1)	Wade
W7ALE	(1)	Max
AC7BU	(1)	Al
N7BUW	(1)	Bob
AC7EQ	(1)	Angela
N7FL	(1)	David
KZ9G	(1)	Steve
W7GHE	(1)	Eric
WA7IVO	(1)	Nick
W7KSJ	(1)	George
W9LST	(1)	Wes
KC7LZL	(1)	Garfield
N7QHW	(1)	Shirley
N7QHX	(1)	Tom
KK7QS	(1)	Mick
KK7QW	(1)	Pete
K7ROL	(1)	Carol
KC7ZWM	(1)	Jessica





FIRST CONTACT AWARD

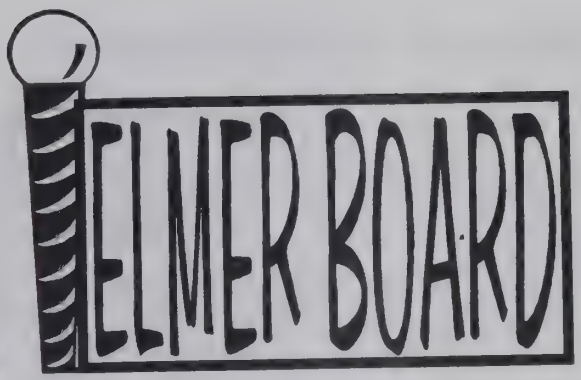
Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First Contact Award will be issued.

▶▶▶ *ADDRESS CHANGES* ◀◀◀

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail.

Send changes to : Radio Club of Tacoma PO Box 11188 Tacoma, WA 98411-0188 or give them to Scott Clausen, NF7Y, at meetings, telephone @ 253-925-8637 or email shebang@qwest.net

If you are simply changing from your summer to winter address or vice versa you can notify Shirley Murphy, N7QHW, @ 253-265-3661 or email sundance@harbornet.com or Scott as indicated above.



Do you need help with some area in ham radio? Here is a place to start… First is the listing of areas of support, followed by a list of members area their areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment

Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Frank, AB7YZ	253-752-8520	2,3
Roger, WA7ANJ	253-475-4293	1,2,3,4,7,8,11
Angela, KC7EQ		2

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the board! *(Ed. Note – We need more volunteers on the elmer board. Please add your name to the list!)*

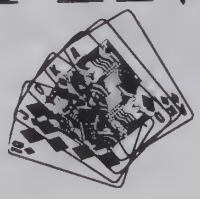
Editor's Notes

de Kathleen, NØEYK



Greetings from Rapid City, SD! We will be back in Puyallup in a little more than a week, barring unforeseen problems. Have a great beach party (NO RAIN) and Field Day! See you all soon. Kathleen - kathleen@naceplace.com

PINOCHLE



PINOCHLE & POTLUCK
Saturday, June 8th, 7 PM
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898
Next gathering - in the fall.

Amateur Radio Exams

in the Puget Sound Region as of May 21,2002



1st Thursday - 7 PM - **Redmond** Operation Center - Contact Brian Wood, KF7QF, 425-481-2361, Snohomish

2nd Tuesday - 7:00 PM - Radio Club of Tacoma *Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor*

2nd Saturday - 10 AM - Tukwila - Telephone Wireless Pioneer's Museum, 7000 W. Marginal Way, Contact Mary Lewis, W7QGP, 206-523-9117, Seattle

2nd Saturday - 10 AM - Shelton - Department of Emergency Management - Sanderson Field, 401 W. Business Park Rd - Contact Rick Colton, W7SMC, 360-426-1716, Shelton

3rd Tuesday - 7 PM - Maple Valley - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9 AM - Ferndale - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3rd Saturday - 1 PM - Renton - Salvation Army Hq, 720 Tobin Street - Contact Jan VanAllen, K7YH, in Kent, at 206-824-9039.

3rd Saturday - 9:30 AM - Bremerton - Room B-101, Business Bldg, Olympic College - Contact Sue Johnson, AB7MD, 360-697-9379, Bremerton

3rd Saturday - every 4th month - 9:30 AM - Montesano High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

4th Wednesday - 6:30 PM - Everett - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4th Saturday - 10 AM - Everett - Everett Housing Authority - 14th and Popular - Contact Loren Hole, KK7M, 425-335-5158, Lake Stevens

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373. Phone: 253-845-7652. E-mail: w7bun@wa.net

NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW
TO CONTINUE
RECEIVING YOUR BARK



TUESDAY NIGHT NET APRIL CHECK-INS

CALL	NUMBER OF CHEK-INS	NAME
W5GYW	1	BILL
KC7ABL	1	JOE
W7AEA	5	MAZ
N7AHR	1	BOB
KJ7BN	2	MARILYN
AC7BU	3	AL
K7BUD	3	BUD
W7BUN	5	JERRY
K7DBU	3	JACK
W7DON	2	DON
N7EAY	2	ALAN
W7EC	1	HAL
KC7EQ	4	ANGELA
KK7FM	3	GEORGE
K7HW	1	AL
N7ICW	1	CHUCK
KD7IGY	2	WILMA
W7IMW	5	JACK
KA7IOX	3	SCOTT
KC7ISC	1	JEAN
WA7IVO	2	NICK
K7JIL	5	JILL
KC7JME	5	NORA
AC7JY	5	FRANK
N7KME	1	CRAIG
KD7KPY	2	KEITH
KD7KPZ	2	DANA
AC7KQ	3	RAY
AC7LK	3	JOHN
KD7NCX	1	DON
KD7NES	1	GWEN
WA7NOQ	3	JOHN
KD7NPT	2	TODD
KD7NRX	1	COLLEY
WA7OHG	5	WADE
KC7OKS	1	ED
KC7OQN	1	JOHN
KC7PAI	1	KARL
KD7PAU	1	JOE
KB7QAG	2	JEFF
N7QHW	4	SHIRLI
N7QHX	4	TOM
AC7QN	1	CHUCI
N7QOZ	5	BOB
KK7QS	1	MICK
KK7QW	2	PETE
KD7QYS	1	TROY
KD7QYT	1	STEVE
K7ROL	1	CAROI
W7RW	5	ANDY
K7SAA	1	ED
W7SKI	4	BOB
KB7SVX	2	JEAN
N7UO	1	FRANI
N7VBJ	1	PAUL
KC7VUM	4	LOU
KC7VUQ	2	JON
WA7WBY	1	STU
W7WG	4	WORT
AB7WJ	3	BILL
*WA9RMK	2	WILLA

* NOW A SILENT KEY

NET CONTROLS	
APR 2	KK7QS
APR 9	AC7BU
APR 16	AC7BU
APR 23	K7BUD
APR 30	W7BUN

MOTHER'S DAY BREAKFAS

The 2002 Mother's Day breakfast was a suc cess. We served 11 mothers and 13 family members. Thanks to the setup crew - Wally Anderson, N7YFS a Mike Compton, KB7ZDR - and the breakfast crew - Fr k Palmer, AC7JY, Lynn Neece, KB6OKS, Roger Terwilliger, WA7ANJ, and Jill Palmer, K7JIL. Thanks for all ur hard work... Remember, I was only the instigator!

Next year we may move the MOTHER'S DA BREAKFAST to another, less busy weekend...

Thanks again to all. Rich, N7ANF

(Editor's remarks...sorry, I can't resist! It seems to me hat a Mother's Day breakfast should be on Mother's Day. I know that we are very fast to move holidays from their given dates to make convenient 3 day weekends and the like. But often, it seems, we are TOO busy, no matter what day we may move to... OK, off my soapbox! K...)



MUSEUM MUSINGS

With Worth Gurley, W7WG

The most recent meeting of the Radio Club of Tacoma, we of the Museum, and friends, put on the program
w1 Morel, W6LIX, demonstrating the old early 1930's or late '20s single tube, type '45, in a TNT (tuned-not-tuned) cir-
ct which reportedly was made by the late Doc Spike, W7OS (whose memorial call the Museum of the Radio Club of
Tcoma has been authorized to use). Rick, N7ANF, who pedalled on his bike to visit the control room of the broadcast-
ir station where Max was vice-president, introduced Max Bice, W7AEA, who honored us by telling our club members
iieresting stories about his early amateur radio days (licensed in 1931), even bringing his first log and early pictures.
H showed an early carbon microphone actually used in commercial broadcasing station, and he exhibited and do-
nted an early Atwater-Kent speaker.

At the meeting George Wood, KA7HGE, handed me the fascinating account of his missionary years in South
E st Asia, including operating his amateur radio station on the other end of DX pilups as XW8HV, HS1AMS, and
H0SAQ whenever friendly governments were in control. You will find his adventures, including an escape from Laos
across the Mekong River after the communists captured the country, exciting! George's story will appear in the July
BURK. 73, Worth



W7DK FIELD DAY

JUNE 21, 22, 23

...THE MOST EXCITING AND FUN RADIO ACTIVITY OF THE YEAR

Location - To be announced
(Announcements on nets, at meetings, and www.w7dk.org)

Schedule:

Friday, June 21st - clubhouse - 11 AM - load equipment onto trailer and take with generators to FD site - begin setting up towers and antennas.

Saturday, June 22nd - Finish set up in AM - start operating at 11 AM.
6 PM - potluck dinner for all participants. Please bring salad or dessert.

Sunday, June 23rd - 11 AM - cease operating - begin disassembly of antennas and towers - return all equipment to the clubhouse.

Everyone can operate regardless of license class.
Sign up as a station head, operator, logger, tower and antenna assembler, help with PR, alternative power and satellite contacts...
WE NEED: trucks with trailer hitches to pull trailer and generators, shelters for stations (RV, motor home, large tents, etc.) - this is a critical need!

To participate in Field Day, call:

Jerry Seligman, W7BUN - 253-845-7652

LOGGER'S CERTIFICATE ANNUAL REPORT

de Barbara, W7UYL

Thirty-seven years ago, on April 12, 1957, the first Logger's Certificate was issued to Dick Dundon, W7LIA. Since then, I have written 622 certificates, the latest to Bud Mitze, KC7AVT (now K7BUD). Sometimes there is a lot of activity, other times, very little. (Right now, you are keeping me pretty busy!) But who imagined, when we designed this certificate, that it would still be around thirty-seven years later? It has always been a great way for new club members to become acquainted. We have sent out 9 DX Certificates. The recipients cover all of the United States call districts plus England, Japan, Germany, Norway, Denmark, Russia, Canada and Puerto Rico. Every so often, I get inquiries from people who publish directories of various awards, so awareness of our Logger's Certificate is always increasing. Following is a list of stations who have worked 100 or more members of the Radio Club of Tacoma.

Roger Nace
K7AYC (now K8RN)
100

Angela Korn
KC7EQ
100

Marilyn Olson
KB7PKH (now KJ7BN)
100

Grace Teitzel
AD7S
100

Mike Hazelmyer
KB7VNT (now K7SSC)
100

Donald Hutt
WB7BLQ
110

Denty Moore
WB7PKM
110

David Reed
WA7QGI
110

Mike Thompson
WB7QNP
110

Al Carter
K5EAF
110

Silent Key--Otho Smith
K7ATD
120

Silent Key--Ken Anderson
WB7QNT
120

Al Wittich(formerly KA7SBJ)
KF7RV
120

Joy Mc Caw
N7AZQ
130

Leonard Wampole
WB7CFH
130

Albert Tanner(formerly WB7OMN) KD7JM
130

Howard Frey
W5PBL
130

Marvin Wheeler
KG7V
140

Patricia Morgan
N7CAK
150

Silent Key--Irma Duncan
W7OVW
150

Robert Stewart
WB7QCS
150

Carol Olver Evans
AE7X
150

Johnny McCaw
Silent Key--N7AGC
160

Silent Key--Jack Haworth
WB7AJR
160

Lawrence Stoll
W7IIU
170

Harold Dawson
WB7OTY
170

Russell Foster
KB7UXK (now W7RSF)
170

Silent Key--Don Murphy
N7AEJ
180

Joseph Winter
WZ7M
180

Silent Key
WB7AKB
190

Jack Moore
WA7ENB
190

Donald Perry
K7QLC
190

William Stalder
N7BAA
200

Silent Key--Joe Jenks
KA7DCX
200

Philip Dunn
KD7ME
200

Richard Hazelmyer
WB7CRR
210

Silent Key--Edward Coles
K7CZM
210

Silent Key
WA7ZSR
250

Donald Rojewski
WB7VHA
280

Silent Key--Wilfred Steklenburg
N7AZN
290

Richard Carlson
WB7RAX
300

Robert Nagley
N7AHR
320

Bob Crelling
N7QOZ
340

Silent Key--Doc Spike
W7OS
360

Silent Key--Roy Devish
W7AZI
400

Marion O'Neal
WV7Z
420

Jerry Seligman
W7BUN
600

Jerry Hathaway
K7ETU
700

Eva Anderson
WB7QNS
770

Richard Ryan
W7RGD
810



News from the ARRL

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet.

NDMARK BILL COULD PROVIDE AMATEURS RLIEF FROM RESTRICTIVE COVENANTS

A bill introduced in Congress this week could provide relief to amateurs prevented by private deed covenants, conditions and restrictions--CC&Rs--from installing outdoor antennas. Rep Steve Israel (D-NY) introduced the "Amateur Radio Emergency Communications Consistency Act" on May 14. The bill has been designated H.R. 4720. Rep Greg Walden, WB7OCE (R-OR)--the only Amateur Radio operator in Congress--and Rep Pete Sessions (R-TX) have signed on as original co-sponsors.

With respect to ham antennas, the measure would subject private land-use regulations to the PRB-1 limited federal preemption that now applies only to governmental zoning and land-use regulations. It contains but one sentence: "For purposes of the Federal Communications Commission's regulation relating to station antenna structures in the Amateur Radio Service (47 CFR 97.15), any private land use rules applicable to such structures shall be treated as a state or local regulation and shall be subject to the same requirements and limitations as a state or local regulation."



H.R. 4720 is expected to be assigned to the Telecommunications and Internet Subcommittee of the House Energy and Commerce Committee.

Israel, whose father, Howard, is K2JCC, noted in a statement read into the Congressional Record that the FCC does not now apply PRB-1 consistently. "Ly bill addresses this issue and provides amateur radio licensees with the ability to negotiate reasonable accommodation provisions with homeowners' associations, just as they do now with public land-use regulators."

After the ARRL ran into a brick wall trying to convince the FCC to include CC&Rs under PRB-1, the League's Board of Directors agreed to pursue a congressional remedy. ARRL President Jim Haynie, W5JBP, and other League officials met with Israel, Walden, Sessions and others on Capitol Hill earlier this year to discuss the prospect of such a bill and how it should be worded. With the proposal now in the legislative hopper, Haynie urged ARRL members to write their members of Congress and voice support for the measure.

Haynie said the important thing to point out is that the bill, if passed by both houses of Congress and signed by the president, would give amateurs living under CC&Rs an opportunity for reasonable accommodation they don't have now.

Visit the US House of Representatives "Write Your Representative Service" Web page <http://www.house.gov/writerep/> for information on how to contact your representative. A sample letter is available on the ARRL Web site <http://www.arrl.org/news/stories/2002/05/14/102/sample-letter.html>.

ARRL requests those writing or e-mailing members of Congress to copy ARRL on their correspondence--via e-mail to ccr-bill@arrl.org or via US Mail to CC&R Bill, ARRL, 225 Main St, Newington, CT 06111. Include the bill number--H.R. 4720--your name and address on all correspondence.

FCC RELEASES DETAILS OF 5 MHz, 136 kHz AND 2400-2402 MHz PROPOSALS

The FCC has released the Notice of Proposed Rulemaking in ET Docket 02-98, which proposes to create new amateur allocations at 5 MHz and 136 kHz and to elevate the status of Amateur Radio at 2400 to 2402 MHz from secondary to primary. In response to separate petitions filed by the ARRL, the FCC voted unanimously May 2 to adopt the NPRM in ET Docket 02-98.

The Commission announced in a Public Notice released May 9 that it would propose a new, secondary, domestic (US-only) HF allocation at 5.25 to 5.4 MHz and a new LF allocation 135.7 to 137.8 kHz. If eventually approved, the 5 MHz band would be the first new HF allocation since the early 1980s, when amateurs got 30, 17 and 12 meters. The LF allocation would be the first ever for US hams. The FCC said it received 87 comments on the 5 MHz proposal and 32 comments on the LF proposal.

"We agree with ARRL that propagation and interference conditions in the 3500 kHz and 7000 kHz bands could hinder effective amateur HF communications," the FCC said in its NPRM. "In particular, as ARRL indicates, the nature of the ionosphere prevents communications during certain portions of the day because of increased atmospheric noise levels at certain times on certain frequencies."

The FCC said ARRL's WA2XSY experimental operation "appears to support its contention" that the band could supplement 80 and 40 meters at certain times.

The FCC has proposed letting amateurs operate at full legal limit on a new 5 MHz allocation, but it left open for further discussion whether to restrict the band to Amateur Extra Class licensees or make it available to General and higher class licensees. The FCC also invited further comment on whether the band should be broken down into mode-specific subbands. The ARRL had proposed opening the entire band to RTTY, data (including CW), phone and image emission types.

Assuming the 5-MHz band eventually is authorized, it could be a few years before it actually becomes available. The band 5.250 to 5.450 MHz now is allocated to Fixed and Mobile services on a co-primary basis in all three ITU regions.

On 136 kHz, the FCC has proposed mirroring technical limits suggested by Canada during World Radiocommunication Conference 2003 preparations to 1 W effective isotropic radiated power (EIRP) and with a transmission bandwidth of only 100 Hz. The ARRL has asked for than 2 W EIRP and a maximum transmitter power of 200 W PEP.

The FCC proposed no restrictions on antenna size or design, saying it did not want to inhibit experimentation by hams. It proposed to limit access to the band to General and higher-class licensees, as ARRL had proposed.

The FCC said it was reluctant to also propose allocating an amateur band at 160 to 190 kHz--as ARRL had requested--because of concerns about possible interference to unlicensed power line carrier (PLC) systems in that band. The FCC noted it had turned down a 1978 ARRL petition for the same reason.

The FCC said ARRL's request to upgrade the 2400-2402 MHz band "has merit." It did not propose any changes in service rules or operational requirements.

The NPRM is available on the FCC Web site <http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-02-136A1.doc>. The FCC is expected to soon make this proceeding available for comments filed via its Electronic Comment Filing System (ECFS). Visit the ECFS site <http://www.fcc.gov/e-file/ecfs.html>, click on "Search for Filed Comments" and enter "02-98" in the "Proceeding" field.

ARRL ASKS FCC TO PULL 2390-2400 MHz OUT OF PLAY AS "REPLACEMENT SPECTRUM"

The ARRL has asked the FCC to pull the 2390-2400 MHz amateur band out of consideration as possible "replacement spectrum" for relocated 800-MHz Public Safety band users. But the ARRL did leave the FCC some wiggle room. A Notice of Proposed Rulemaking (WT Docket 02-55)--released in mid-March--invited comments on either sharing the band with displaced Public Safety services or moving amateurs elsewhere.

"The band is unavailable for relocation of Nextel or other CMRS services, and should not be under consideration in this proceeding," the ARRL told the FCC in comments filed May 6. The FCC had referred to 2390-2400 MHz as an "Unlicensed PCS Band," but, as the League reminded the Commission, "That band is allocated on a primary basis to the Amateur Service domestically."

In 1995, the FCC accepted a proposal negotiated by ARRL and Apple Computer that involved a compatible sharing proposal for 2390-2400 MHz. Under the plan, the band was allocated on a primary basis to the Amateur Service and made available for use by asynchronous unlicensed Personal Communications Service (UPCS) devices regulated under Part 15. In the current proceeding, the FCC also sought comments on whether existing UPCS operations could continue in the band or be forced to cease.

The FCC has said that increasing incidents of harmful interference to public safety systems in the 800-MHz band prompted the latest rulemaking proceeding, "Improving Public Safety Communications in the 800 MHz Band." The Commission said its discussion of 239[illegible] 2400 MHz and other segments in terms of replacement spectrum was intended to be "illustrative rather than exclusive" and that other bands "may also merit consideration."

Last summer, the FCC invited comments on proposals to reallocate some spectrum in the 2390 to 2400 MHz amateur segment--as well as in the non-amateur 1.9 and 2.1 GHz bands--for possible use by u[illegible] specified mobile and fixed services. The Commission h[illegible] proposed 2390 to 2400 MHz and other bands to suppo[illegible] the introduction of advanced wireless services, includin[illegible] so-called third-generation (3G) mobile systems.

The ARRL said it's not prepared to speculate on relocation spectrum for amateurs if the primary amateur allocation is modified in either proceeding and amateurs are displaced. The League suggested that "some reaccommodation" might be made if the FCC allocates 2300-2305 MHz to the Amateur Service on a primary basis.

"While that would be, at best, an incomplete solution for the Amateur Service, it might contribute to [illegible] availability of some portion of the 2390-2400 MHz band for displaced 800 MHz licensees," the ARRL said. The ARRL already has petitioned the FCC for primary status at 2300 to 2305 MHz. The petition faces competition from AeroAstro, which wants co-primary status with the Amateur Service for its commercial satellite-based location service.

The ARRL said it's "a simple matter" to conclude that there is no compatibility between displaced 800 MHz incumbents and amateurs in the band anymore than there would be to share it with advanced wireless services, as earlier suggested.

"Sharing between the Amateur Service and commercial services, especially mobile commercial services, is extremely difficult generally," the ARRL concluded.

The FCC recently proposed upgrading the adjacent Amateur Radio 2400-2402 MHz allocation from secondary to primary, mainly to protect satellite operations. The AO-40 satellite has been successfully using the band for downlink telemetry and transponder operation, and AMSAT plans a similar downlink for its next satellite project. The Amateur Service already is primary at 2402-2417 MHz. There's a secondary amateur allocation at 2417-2450 MHz.

The complete NPRM and a copy of ARRL's comments are available via the FCC Electronic Comment Filing System Web site <http://www.fcc.gov/e-file/ecfs.html>. Click on "Search for Filed Comments" and enter "02-55" in the "Proceeding" field.

LOG CHECKING REPORTS FOR ARRL CONTESTS NOW AVAILABLE ONLINE



Log Checking Reports (LCRs) now are available for selected ARRL contests. These documents provide a detailed error analysis of a contest entry. LCRs will be available for selected events commencing with the 2001 ARRL November CW Sweep-

skes. ARRL members may access the available reports o the ARRL Web site <www.arrl.org/members-only/ ntests/lcr.html>. To access your reports, you must be gistered on the ARRL Web site as a League member.

ARRL Contest Branch Manager Dan Hender- n, N1ND, said that while the League recognizes that it's eful for participants to review errors found in their con- t logs, the ARRL has established firm guidelines re- rding how it will address inquiries.

"Simply put, we will not enter into discussions or bates over individual QSOs," Henderson said. "All elec- nic log data is checked using custom software. All logs e judged by the same criteria." Henderson said the pol- i was dictated by the need to minimize staff time and oid any inequities in the treatment of individual contest tries.

Henderson said the log-checking software can–d does–perform a good job of impartially adjudicating t logs. While audio tapes or files of particular QSOs, e- ail confirmations from others or other types of "ocumentation" can be useful for a contester's research d learning, they "usually are not definitive and will not considered" in the event of a dispute.

The only exception might be in the rare event at a log file was corrupted during transmission to the RRL. "We will deal with these problems as necessary," enderson said.

Reports may be accessed as soon as the re- lts for the ARRL contest become available. For single erators, your log-in username (call sign) must be the me as the one that appears on the log submitted for the ent. If you were a guest operator at another station or rt of a multioperator entry, you may access the LCR for at entry if your call sign appears as an operator in the abrillo header (summary) for that log. ARRL members thout Internet access may request their LCR free of arge by sending a request and an SASE to LCR Re- est, ARRL, Contesting Branch, 225 Main St, Newing- n, CT 06111.

Non-ARRL members may obtain LCRs by mail- ing a request along with $3 and an SASE for each event (eg, the Phone and CW weekends of the ARRL Novem- ber Sweepstakes count as separate events). For each request, include the name and year of the contest as well as the call sign of the entry.

Henderson said the style and format for each LCR may differ from contest to contest, since the various operating events are checked and processed by different software. For more information, contact Henderson via e- mail contests@arrl.org or by telephone 860-594-0232.

CANADA AUTHORIZES SPECIAL AMATEUR PREFIXES



All Canadian Radio Amateurs have been authorized to use special prefixes to cele- brate the Golden Jubilee of Queen Elizabeth II. From May 18 through July 18 2002, the follow- ing special prefixes are author- ized on a voluntary basis: XM1 for VE1; XM4 for VE4; XM8 for VE8; XL1 for VA1; XM5 for VE5; XM9 for VE9; XM2 for VE2; XL5 for VA5; XN1 for VO1; XL2 for VA2; XM6 for VE6; XN2 for VO2; XM3 for VE3; XL6 for VA6; XO0 for VY0; XL3 for VA3; XM7 for VE7; XO0 for VY1; XL4 for VA4; XL7 for VA7; and XO2 for VY2.–Industry Canada

KENWOOD DONATES TS-2000X TRANSCEIVER TO W1AW

Kenwood Communications Corporation has do- nated a TS-2000X all-mode, multiband transceiver to ARRL Maxim Memorial Station W1AW. Kenwood Assis- tant Sales Manager Phil Parton, N4DRO, made the pres- entation May 3.

"We're very grateful to Kenwood Communica- tions Corporation for this useful and attractive update to the W1AW satellite station," said ARRL Executive Vice President David Sumner, K1ZZ, who accepted the gift on

ARRL MEMBERSHIP

If you haven't joined or rejoined the ARRL, please do so through the Radio Club of Tacoma! The ARRL is the major voice for Amateur Radio in the US and, besides providing a wealth of information to its members, they provide us with a voice in Washington to help protect the interests of all amateurs. Additionally, RCT is an ARRL Special Service Club and RCT needs to have at least 51% of its members belong to the ARRL to retain its Special Service Club status. See the Treasurer for application forms, and bring your ARRL re- newal notices and rejoin through the club. The club re- ceives a commission for each new membership sent through the club.

SPECIAL SERVICE CLUB

JOIN TODAY!

See our club treasurer or membership person for details.

behalf of the ARRL.

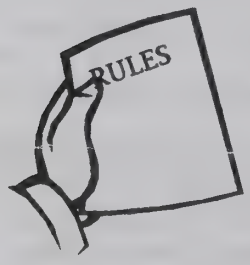
W1AW Station Manager Joe Carcia, NJ1Q, had contacted Kenwood to see if the company would be willing to donate its latest transceiver to replace an aging TS-790 that has done yeoman's duty in the Studio B satellite operating position at W1AW.

"We now have nine operating positions in three studios for the use of W1AW visitors," Carcia said. "Because the TS-2000X is capable of handling 9600-baud operation, it will also be connected to an AEA DSP-2232 multimode controller to handle other aspects of digital satellite–and HF–operation, such as 9600 baud FSK. W1AW thanks Kenwood for its donation."

The Kenwood TS-2000X covers all Amateur Radio bands from 1.8 MHz through 1.2 GHz, with the exception of transmit capability on 222 MHz. It was reviewed in the July 2001 issue of QST.

FCC WON'T REQUIRE AMATEUR APPLICANTS TO SUPPLY DATE OF BIRTH AFTER ALL

The FCC can't seem to make up its mind about whether or not it wants to know the date of birth of an Amateur Service applicant. Supplying a date of birth used to be a requirement on amateur applications, and the FCC made the information public as part of a licensee's record. But a few years ago, the FCC dropped the requirement and hid the database field that once displayed birth date information.



Last year, the FCC flip-flopped and announced it was revising FCC Form 605 to include a date of birth field and would again require the information–although it would not be made public. Now, the FCC has changed its mind once more. Missing from the latest version of Form 605 is the requirement for Amateur Service applicants to supply a date of birth, although they may do so if they wish (it is a requirement for certain other wireless service applicants).

A call to the FCC's Gettysburg office confirmed the discontinuation of birth date collection for amateur applicants. The latest version of FCC Form 605 (dated April 2002) is available on the FCC Web site. The FCC has no plans to change the format of its Amateur Service data records.

Valid FCC Form 605s are those bearing March 2001, November 2001 and April 2002 dates. The FCC now requires applicants to have an FCC Registration Number (FRN) before applying.

AMATEUR EXTRA CLASS POPULATION TOPS 100,000

For the first time ever, the population of Amateur Extra class operators topped 100,000 licensees. According to figures available from the FCC Amateur Radio Statistics Web site <http://ah0a.org/FCC/index.html> compiled by Joe Speroni, AH0A, there were 100,153 Extra; 85,690 Advanced; 138,980 General; 319,768 Technician (including Tech Plus); and 38,574 Novice licensees. As of the end of April, there were 683,165 total Amateur Service licensees in the FCC database. According to Speroni's statistics, 1888 new licensees came aboard during April 2002–1800 of them as Technicians.

RADIO CLUB OF TACOMA

FIELD DAY 2002

W7DK

ARRL

RADIO CLUB OF TACOMA



HAPPY FATHER'S DAY!



CHECK IT OUT!

RCT Web Page:
www.w7dk.org

2002

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acoma, WA 98411

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COMING EVENTS

JUL 3 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

JUL 4 - HAPPY BIRTHDAY AMERICA!!!



VACATION - Pinochle Potluck - See you in September

JUL 9 - License Testing - 7 PM, Clubhouse

JUL 10 - Club Meeting - Library Administration Center, 7:30 PM
Program: ATTRACTING YOUNG PEOPLE TO AMATEUR RADIO

JUL15 - BARK deadline

JUL 24 - Club Meeting - Library Administration Center, 7:30 PM
Program: HISTORIC AND ANTIQUE RADIOS

- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- *Check in on the 10 Meter Net every Sunday evening, 8 PM, on 28.375 MHz USB*
- See page 3 for meeting program schedule. Check the weekly net for updates to the program schedule.
- YLs - Check in to the YL Net on the 147.28 repeater every Monday at 8 PM.

GOD BLESS AMERICA!

W7DK CALENDAR

July 2002

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 JOHN ENGLISH KC7OQW * MARV JACOBSON KC7JKA * ROBERT SCHLEGEL N7BH *	2 WILL RISTINE WA7BVH * BARBARA OSBORNE W7UYL * 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	3 ROLAND SVENSSON KD7MAA * 7:30 PM RCT BOARD MTG	4 Independence Day	5	6 PAM STEPHENS KD7KPU * 9:00 OPEN HOUSE
JHN ROBSON JR AC7LK *	8 DENNIS FARNES KA7IIV * NORMAN NELSON N7ILQ *	9 7:00 PM RCT LICENSE EXAMS 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	10 RICHARD LEARY W7LKG	11 MARIE FULLER KA7HEG *	12	13 dana marshall kd7kpz * SUSAN COX KC7OQX * 9:00 OPEN HOUSE
RTHUR IVES AA7E0	15 MONICA MARTEK KD7GJM * HARRY BALL W7HHP *	16 VERNON JAMES KD7COD * 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	17 MAC PARKS W6NBD *	18	19	20 CATHY ERICKSON KD7OPK * LORRAINE ROBERTSON KA7WGG * 9:00 OPEN HOUSE
	22 SYLVIA BETTS KC7UZZ *	23 THOMAS JONEZ K7TDJ * MARGARET SYVERSON KA7RUQ * 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	24 ALAN ALLEN N7EAV *	25	26	27 9:00 OPEN HOUSE SWAP AND SHOP 10 AM to 2 PM CLUBHOUSE
NN NEECE KB6OKS *	29	30 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	31 RANDY SCHOCK K7RNS *			

THE RADIO CLUB OF TACOMA W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXIX NR. 7 | W7DK | JULY 2002

FROM THE PRESIDENT

Mick, KK7QS

Using the Internet Radio Linking Project (IRLP)

"This is KK7QS accessing the IRLP." (DTMF tones will be heard, then the link up message. It will say something like "node number 605 link on"). I have just connected to Sydney, Australia through the IRLP. Imagine talking to a station in Australia, or England with your 2-meter handy talkie. How about Antarctica or South Africa from your mobile 2 meter rig. This system ties our 147.28 repeater to any of the 475 plus nodes around the globe. Once I've made my connection I will pause for a couple of seconds or more to see if anyone is having a local QSO on the repeater I just connected to. If I hear nothing I will go ahead and announce my presence. "This is KK7QS in Tacoma, Washington, node number 711, monitoring." Or "This is KK7QS in Tacoma, Washington looking for a contact in Sydney, Australia. Is there any one in Sydney available for a QSO?" Remember it is not good practice to call CQ on a repeater. Even though you may be making a DX contact it is still a repeater. You should always use good repeater etiquette when talking on the IRLP. Your conversation will sound just like any other repeater contact. After chatting I will wish my contact 73 and clear with him. Now I will announce I'm closing the link. I will send the DTMF tones. (The link message will say "Node number 605 link off." Be sure you hear this before leaving your station). Now that I have finished my contact and disconnected the link, I will clear. "KK7QS clear of W7DK repeater."

This is just an example of the possibilities. You can find information on the IRLP and all it's active nodes on the Internet at WWW.IRLP.NET. Please visit this site. Don't worry if you don't have Internet access. We plan to make copies of the IRLP node numbers available to members without web access. This site has the history of the IRLP; it's operating procedures, and a map of all the nodes. You can go to the "Active Node Status" page and tell if any given node is connected and to whom they are connected. If you need help, check the Elmer board. I will add, "Help with the IRLP" to it. There are several of us that can help or answer questions. Give it a try and have fun.

In addition to the IRLP, the club is in the process of installing an Amateur Television (ATV) station and an all mode VHF/UHF station. The Board of Directors has authorized the purchase of up to 1,000 ft of 9913 coax and an all mode VHF/UHF transceiver. We already have all the items necessary to set up the ATV station except the coax. We will start out by ordering 500 ft. of the coax. Then we can go ahead with the ATV installation.

With all the new installation going in at the clubhouse it has become necessary to be concerned with proper planning and installation. I am looking for someone that has the background and experience to design and organize all the installations for the club's stations and antennas. This would include coax routing, grounding, and antenna switching design. I would like to see all the current installations inspected and brought up to spec. I would like someone to take charge of all the club's station and antenna installations. Not someone to design antennas or dictate antenna design but to make sure all installations comply with code and are done in accordance to your committee's adapted procedure. If you are interested in this position, please contact me at 253-847-8223 or e-mail me at kc7tvm@worldnet.att.net. This is something the club needs very much. Please consider helping. 73, Mick, KK7QS

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- CONTESTS - Page 8

RADIO CLUB OF TACOMA – 2002

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PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month
Pierce County Library District Center
3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 253-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to kathleen@naceplace.com or mail (slow!) to Kathleen Nace, NØEYK, PO Box 631350 #14060, Nacogdoches, TX 75963-1350. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. *The Logger's Bark* does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in *The Logger's Bark* if credit line is included in the report.

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

SUNSHINE & CONGRATS

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please contact Jill Palmer, K7JIL, 253-539-7772
or e-mail, hamtalker2@aol.com

W7DK/Radio Club of Tacoma

147.28 / .88 MHz 144.97 - Packet
147.38 / .98 MHz (PL 103.5)
440.625 / 445.625 (PL 103.5)

MEMBERSHIP

New Members

Troy Wells,KD7QYS RCT 213
6821 South G St
Tacoma, WA 98408 253-677-225
mountainmann@tacomaclick.net

Gino Moroni, NOCALL RCT 213
310 South 29th St
Tacoma, WA 98402 253-219-395
gjmoroni@att.net

Randy Schock, K7RNS RCT 213
611 N. Cottage Grove
Miles City, MT 59301 406-232-287
rschock@mcn.net

Harvey Ryan, KD7RKY RCT 213
4849 Marian DR NE
Olymoia, WA 98516-2279 360-456-590
hasryan@earthlink.net

Wally Anderson RCT213
1809 N. Madison
Tacoma, WA 98406-4711 253-752-575

Reinstatements

Alan Allen, N7EAY RCT 10
1968 Thurston Ave NE
Olympia, WA 98506 253-475-74
alan98506@aol.com

Jerry Hathaway, K7ETU RCT 7
2840 W Sprague Ct
Roseburg, OR 97470-6818 541-440-05
k7etu@arrl.net
(Note: This is a life member reactivation)

Gary Kohtala, W7NTF RCT 6
23417 35th Ave Court E
Spanaway, WA 98387 253-846-03
w7ntf@arrl.net

E-mail/Address/Phone Changes/Corrections

Bob and Grace Teitzel, WA7ZZA and AD7S
P.O. Box 45079
Tacoma, WA 98445-0079 253-531-01
rteitz@ibm.net

Herman (Pete) Jones, N8PSJ RCT 15
253-884-65

Chuck Doerr, NOCALL
9082 Gramercy Dr Apt 140
San Diego, CA 92123-2365
shadow322@juno.com

Frank and Jill Kerton, KB3NV and KB7JMZ
25510 51st Ave E
Graham, WA 98336-7115 253-846-03
kertonf@juno.com

Continued next page

COMING PROGRAMS AT RCT

WEDNESDAY, JULY 10TH - ATTRACTING YOUNG PEOPLE TO AMATEUR RADIO
Mitch Gill, K7TUT, of Ravensdale has had a lot of experience getting young people interested in becoming hams. He just finished teaching a class of ten 11 to 16 year old students, and seven are going on to study for their General Class. He is a recent president of the Mike and Key ARC and is currently sponsoring a radio club at a Kent school. With the average age of the U.S. amateur population increasing rapidly, it is imperative that we attract more youngsters into the hobby. Mitch will share his ideas on doing this.

WEDNESDAY, JULY 24TH - HISTORIC AND ANTIQUE RADIOS
Jim Konop, AB7NW, of Sumner will show a transmitter used by adventurer Richard E. Byrd on his first Antarctic expedition in 1928. Jim, who has an extensive collection of antique radio equipment will also bring an historic Murdock crystal set, actual autographs from Byrd and Marconi, and demonstrate a working spark transmitter. Be sure to attend and see the sparks fly!



William Morgan, W7GPR
3421 E 138th St
Tacoma, WA 98446

William Waesche, KE7G ✓
PO Box 1190
Rainier, WA 98576-1190 360-446-5085
wwaesche@cs.com

Shirley Murphy, N7QHW **New e-mail address**
sundancealso@harbornet.com

Tom Murphy, N7QHX E-mail address stays the same
sundance@habornet.com

NEW CALLS/UPGRADES

SILENT KEYS



TREASURER'S REPORT
MAY 2002
de Roger, WA7ANJ

INCOME	
ARRL	$55.00
BADGE SALES	9.00
BOOK SALES	234.00
CLASSES	85.00
DUES	60.00
FIELD DAY	6.04
DONATIONS	10.00
TOTAL INCOME:	$459.04
EXPENSES	
ARRL	$40.00
AT&T BB	20.59
POSTAGE	52.98
TELEPHONE	61.18
UTILITIES	346.49
TOTAL EXPENSES:	$521.24

NET (LOSS): -($62.20)



ARES/RACES

...de Shirley Murphy, N7QHW,

Here's a reminder of the changes in the ARES/RACES organization, so it will be easier for everyone to remember.

The county wide Pierce County Amateur Radio Communication Services net is held each Tuesday at 7 PM on the 145.37 MHz repeater. Should there be a failure of that repeater, the net will be held on the 146.64 MHz repeater.

We have a new web page address. It is http://piercecounty.tripod.com. Check it out to keep current what is happening. Information will be updated as needed. The net preamble is also available on the web page.

Paul Nadeau, N7VBJ, is the new Emergency Coordinator for Pierce County. Paul has been involved for a long time with ARES/RACES, is an Official Emergency Station (OES) and is very knowledgeable about the organization. He will be a great leader for our organization and we look forward to working with him. Paul can be reached via telephone at 253-922-7293 (always leave a message and your calls will be answered) or via e-mail at n7vbj@arrl.net.

The following persons have been appointed as Assistant Emergency Coordinators:
Jim Lawrence, N7RHX, 360-862-1041, n7rhx@aol.com
JoAnn Nadeau, N7VPB, 253-922-7293, n7vbj@arrl.net
Alan Hughes, KB7SVU, 253-840-4947, kb7svu@juno.com

Rich Heasty, KK7VH is the Net Manager for Pierce County Amateur Radio Communications Services nets. He may be reached at 360-897-5676 or via e-mail at rheasty@wolfenet.net. Contact him if you would like to volunteer to operate a net. He is interested in getting as many people as possible trained as net control stations.

Shirley Murphy, N7QHW, will manage membership applications and maintenance of the roster. Contact Shirley at 253-265-3661 or via e-mail at sundancealsc@harbornet.com with any questions, or for information about Department of Emergency Management Worker Identification Cards.

Special Events Manager will continue to be Judy La Fleur, N7NII, who can be reached via telephone at 253-847-5198 (you must leave a message and she or her representative will get back to you). I am not aware of any pending public service events in the near future.

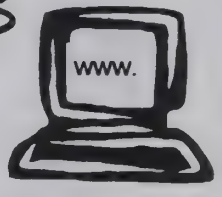
I would like to encourage everyone to get active in ARES/RACES and get behind our new leadership and give them your support.

Thanks to all for your past and future support.
73, Shirley, N7QHW



ON THE WEB

www.w7dk.org
Come see us!



Radio Club of Tacoma License Exams

JULY 9, 2002
7 PM RCT Clubhouse
1249 S Washington in Tacoma
Bring original and copy of license, any CSCE, photo ID, pen, pencil/eraser, calculator, and a check made out to: ARRL/VEC for $10. For information call: Shirley Murphy, N7QHW @ 253-265-3661

STAMPS FOR CHILDREN



I am trying to collect stamps for the Shriner's Hospital for Children. They can either contact me, Bob, KD7IBU, or send the stamps to the following address:

Stamp Club
Shriner's Hospital for Children
2425 Stockton Blvd
Sacramento CA 95817

Thanks. Bob Tompkins, KD7IBU

MUSEUM MUSINGS With Worth Gurley, W7WG

MY HAM RADIO EXPERIENCES

By George Wood KA7HGE

My first interest in amateur radio was the result of visiting an elderly gentleman who was a friend of our family in Wheaton, Ill. where I grew up. I remember going to their house and he showing me his station located in the basement of their house. I was about 10 years old at the time. I believe that was the first time I had any idea that there was such a thing as ham radio. Shortly after I began to experiment with a crystal set and remember being fascinated by the sound of radio stations being heard on the ear phones.

About 15 years later (in 1960) when I was now married with 2 preschool children and living in Viet Nam serving as missionaries, I became very much interested in listening to short-wave radio. Since there were no local stations broadcasting in English, short-wave brought in many stations in English including the Voice of America. These stations became our only contact with the outside world and especially our homeland in the U.S.

In 1964 we found ourselves back in the U.S. because of the illness of my wife. While living temporarily in California someone gave me a Hammerlund short-wave receiver that I listened to quite a bit. At that time we were short of money and I was in no position to buy any other equipment. For the next 10 years my radio activity was on hold.

Then in 1974 we returned to S.E. Asia again as missionaries. This time we were sent to the country of Laos where I served as pastor of an English language church in the capital city of Vientianne. This church was in existence to minister primarily to American military and aid personnel since the war was still going on at time. While there a friend of mine who was also interested in ham radio told me that it was very easy to get an amateur license from the PTT department of the Lao government. All we had to do was to fill out some forms indicating where the station would be located and what equipment would be used. By that time I had bought a station from a USAID guy returning to the U.S. that included a Swan 350 transceiver, a beam antenna, rotator, coax, etc. Within 2 weeks I was given the call XW8HV and was on the air from our home. At that time conditions were quite good and I was able to have hundreds of QSOs with the states and other countries. My main contact in the U.S. was Bill Bennett, W7PHO, here in Seattle. He kept me up on news from Seattle including sports, weather, etc. After being on the air about a year the political situation in Laos came apart as the Communists took over shortly after the fall of Viet Nam. During April & May of 1975 I was on the air frequently with some hams in Viet Nam as the situation worsened. Then at the end of May we had to evacuate Vientianne and fled across the Mekong River to the relative safety of Thailand. Although I tried to ship out my equipment it never did arrive at our forwarding address. So much for my ham activity from Laos.

After about 3 years living and working in Bangkok I was told that it was possible to get a Thai amateur license. However the requirements were much stricter than in Laos. I met a U.S. Embassy ham who became my Elmer and helped me get my Thai license in early 1980. At that time amateur radio in Thailand was under the control of R.A.S.T (Radio Amateur Society of Thailand) and its president Colonel Kamchai of the Thai military. The understanding was that Col. Kamchai would see to it that amateur activity would be conducted according to international regulations. So I began my ham activity in Thailand with the call HA1AMS. For the next 2 years all went well using an FT101E transceiver, FL1000 amp, TH3 beam, etc. that I purchased in the states and imported into Thailand. I operated from several apartments in Bangkok. The best location was an 11 story apartment where I was able to put up the beam on the roof. This was the best location I had in S.E. Asia being able to work the world including the U.S. I had to learn to handle pileups just about every time I was on the air. W7PHO acted as my qsl manager and was a great help to me. We verified contacts on the air several times a week. He then handled the receiving and sending of qsl cards. Unfortunately Col. "Kam" died in about 1983 and all amateur activity in Thailand came to a grinding halt. It wasn't until 1994 or so that the Thai government again approved the use of ham radio under the control of the Post & Telegraph Department. Now all radio equipment had to be certified by that department. A TS450 that I took to Thailand from the U.S. languished in the PTT lab for a year before it was certified. In 1994 I began operating with the call HS0SAQ and operated from Bangkok with that call until we retired from missionary service in 1997. To my knowledge there are several thousand licensed hams in Thailand but only a handful operate HF in English. Most activity is in country on 2 & 40 meters in the Thai language.

Operating in the U.S. has meant that I have had to adjust to a whole new operating situation. I'm still in that process but am beginning to enjoy getting on the air just about everyday.

(Editor's Note: Thanks, George, for sharing your experiences. I hope that others will do the same.)

MEETING MINUTES

Back again next month... I know they will...

AREA SWAP MEETS

19-21 Jul 2002 Glacier/Waterton Hamfest
http://www.gwhamfest.org
Contact: Gerry Leach, VE6BVZ55 Templegreen Place NE Calgary, AB T1Y 4Z2 Phone: 403-285-5547 Email: leachg@cadvision.com

2-4 Aug 2002 Pacific Northwest DX
http://www.wvdxc.org
Contact: Al Rovner, K7AR18809 NE 21st StreetVancouver, WA 98684 Phone: 360-256-7437 Email: k7ar@arrl.net

14 Sept 2002 Radio Club of Tacoma FleaMarket
Contact: Frank Palmer, AC7JY
3817 169th Street, Ct. E
Tacoma, WA 98446
Phone: 253-539-1685
Email: hamtalker@aol.com

SCHEDULE YOUR SWAPMEET VISIT



Want to get that dipole in those trees? C maybe that long wire up?

"OVER THE TOP" LINE SLINGER

The ULTIMATE in Comfort, Accuracy and Ease. Tes and proven to heights well over 100 feet. Constructe with top quality materials such as: High strength ple glass; No rust brass screws.
With the "Over the Top" Line Slinger you can: Pull up pulleys; progress to any size rope; attach a w antenna direct; go tree to tree by slinging two lines (gr for high dipole mounting); go tree to tree with rope for verted V's, end-fed, slopers, or all of these at the sar time. I put a line up that supports a full size 5/8 wave M ground plane! Think of what you can do on FIELI DAY, or a camping trip, or right in your own back ya
Only $59.95 plus $6.00 S & H
Frank AC7JY and Jill K7Jil (253) 539-7772
Hamtalker@aol.com
See our Website www.over-the-top.addr.cor



ELMER TODAY VOLUNTEER!



SATURDAY SWAP AND SHOP

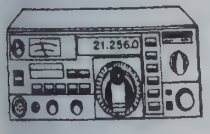
Saturday, JULY 27th, at the clubhouse, from 10 AM to 2 PM. Bring items to sell (and money to buy!). Also come with those questions that haven't found answers and check out the museum or take a turn at operating the club station. See YOU there!



10 METER NET CHECK-INS

MAY

N7ANF Rich (4)
W7GFC George (4)
K7JIL Jill (4)
AC7JY Frank (4)
WA7OHG Wade (4)
K7WZU Ray (3)
W7AEA Max (3)
KB7IBU Bob (3)
AC7KQ Ray (3)
AC7LK John (3)
W7WG Worth (3)
KD7AAG Mark (2)
KE7CG Bill (2)
AC7QN Chuck (2)
K9RKI Ron (2)
K7ROL CAROL (2)
N7ICW Chuck (1)
WA7IVO Nick (1)
N7NKO Dean (1)
KD7NES Gwen (1)
KC7OKS Ed (1)
KC7UFX Tom (1)
KC7YUC Bob (1)





FIRST CONTACT AWARD

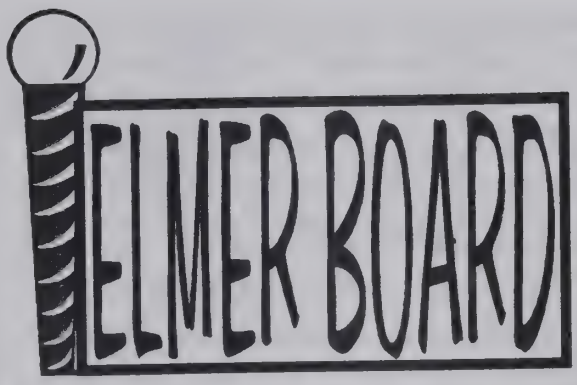
Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First Contact Award will be issued.

▶▶▶ *ADDRESS CHANGES* ◀◀◀

Remember to notify us if your address changes at any time during the year. Your Bark will not come to you if your address has changed since the Post Office will NOT forward Third Class Bulk Mail.

Send changes to : Radio Club of Tacoma PO Box 11188 Tacoma, WA 98411-0188 or give them to Scott Clausen, NF7Y, at meetings, telephone @ 253-925-8637 or email shebang@qwest.net

If you are simply changing from your summer to winter address or vice versa you can notify Shirley Murphy, N7QHW, @ 253-265-3661 or email sundance@harbornet.com or Scott as indicated above.



Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members area their areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment
12. IRLP

Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Frank, AB7YZ	253-752-8520	2,3
Roger, WA7ANJ	253-475-4293	1,2,3,4,7,8,11
Angela, KC7EQ		2
John, AC7LK	253-984-6709	12
Mick, KK7QS	253-847-8223	12

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the board! *(Ed. Note – We need more volunteers on the elmer board. Please add your name to the list!)*

PINOCHLE



PINOCHLE & POTLUCK
See you in September!
For info call:
Jack, WA7ENB, & Marilyn Moore
253-759-4898
Next gathering - in the fall.

QST QST QST

From the W7DK Club Station

HF Net every SUNDAY
28.375 MHz USB
2000 Hrs. Local

ATTENTION EVERYONE!!!! EMAIL ADDRESSES WANTED!!!

In the near future, we would like to start sending the Logger's Bark to as many people as possible as an email attachment. This will reduce our mailing costs considerably if we have an email address for all members. We understand that we will still have to do some mailing but if we can keep it at a minimum, it will work. If you do not wish to have your email address published in the roster, just let us know.

Send this information to:

Scott Clausen, NF7Y
1207 106th Avenue CT E
Edgewood, WA 98372-1588
253-925-8637
shebang@qwest.net

ARRL RCT VE Team Report

At the June 2002 VE testing session, 11 persons were tested. Two people upgraded their license, two successfully passed the exam element attempted but received no upgrade, four earned a new license, and three were unsuccessful in their attempt to pass the test.

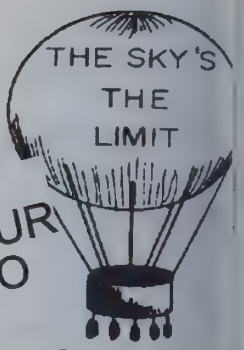
Overall, there were 11 test elements given. Eight were passed, and three failed for a 72% passing rate.

Licenses earned included four Technician Class licenses, one Technician w/HF Class license, and two Amateur Extra Class licenses.

Thanks to the VE Team members who help make our testing sessions run so smoothly. It is very much appreciated and couldn't be done without you.

73, Shirley, N7QHW, Radio Club of Tacoma VE Team Liaison

Thanks to all our RCT volunteers!



JULY CONTESTS AUGUST

July 6-7
Venezuelan Independence Day Contest–SB
Kentucky QSO Party–CW/SSB/Digital

July 13-14
IARU HF World Championship
FISTS Summer Sprint, CW
QRP ARCI Summer Homebrew Sprint–CW

July 20-21
Pacific 160 Meter Contest, CW/SSB
North American RTTY QSO Party
CQC Great Colorado Gold Rush–CW
CQ WW VHF Contest, all modes
Georgia QSO Party–CW/SSB
W/VE Islands Contest, CW/Digital/SSB
Six Club Six Meter Sprint–CW/SSB

July 27-28
Venezuelan Independence Day Contest, C
RSGB Islands-On-The-Air Contest, CW/SS
Russian RTTY WW Contest

July 28
Flight of the Bumblebees–CW

Aug 3-4
ARRL UHF Contest
North American QSO Party–CW
Ten-Ten International Summer Phone QSO Party
European HF Championship–CW/SSB
PanAmerican Lighthouse-Lightship Weekend–all modes

Aug 10-11
Worked All Europe DX Contest–CW
Maryland-DC QSO Party–CW/Phone

Aug 17-18
ARRL 10 GHz Cumulative Contest
North American QSO Party–SSB
Keymen's Club of Japan Contest–CW
New Jersey QSO Party–CW/Phone
SEANET Contest–CW/SSB/Digital



Aug 24-25
Ohio QSO Party–CW/SSB
TOEC WW Grid Contest–CW
CQC Summer QSO Party–CW/SSB
Hawaii QSO Party, CW/Phone/RTTY
PSK31

Want more info, check
www.arrl.org/contests

◊ News from the ARRL ◊

de Jerry, W7BUN

Gleaned from ARRL sources on the Internet.

FLORIDA MAN CONVICTED OF DELIBERATE INTERFERENCE, UNLICENSED OPERATION

A Florida CBer accused of jamming Amateur Radio operations and transmitting without a license was convicted in federal court June 19 on eight misdemeanor counts. Willam Flippo of Jupiter was found guilty of four counts of operating without a license and four counts of deliberate and malicious interference. The jury deliberated about 30 minutes.

Federal District Court Judge Daniel T.K. Hurley noted that, while the charges were misdemeanors, it was important that the amateur airwaves be free of interference in the event of an emergency. He ordered that Flippo, 60, remain in custody and undergo a psychiatric evaluation prior to sentencing.

The prosecutor in the case, Neil Karabdil, credited members of the Amateur Radio community with bringing Flippo to justice. The list included 1999 ARRL International Humanitarian Award winner Ed Petzolt, K1LNC, who helped the FCC gather evidence in the case; Bert Morschi, AG4BV; Palm Beach County Emergency Coordinator Dave Messinger, N4QPM; and Chuck Mulligan, N4SDW.

"This is a very good day for Amateur Radio, and a very good day for justice," Petzolt said following the trial. "Let the word go out that we will not tolerate this sort of thing on our frequencies, and you will be caught." Petzolt cited local amateurs and the efforts of the FCC, including Special Counsel for Enforcement Riley Hollingsworth "and everyone else who kept the faith," for helping to bring the case to a successful conclusion. "Never give up and never surrender," Petzolt advised those facing similar malicious interference situations. "If you do, they win."

According to Petzolt, who testified in the trial, Flippo primarily had targeted the Jupiter Tequesta Repeater Group for jamming and regularly interfered with amateur operations, especially on 10 and 2 meters, over an approximately three-year period. Following up on the amateurs' complaints, personnel from the FCC's Tampa District Office visited the Jupiter area at least twice in 1999 and reported tracking the offending signals to Flippo's residence.

Known as "Rabbit Ears" within the CB community, Flippo was arrested by federal authorities in July 2000. He already faces a $20,000 fine levied in 1999 for unlicensed operation, willful and malicious interference to Amateur Radio communications, and failure to let the FCC inspect his radio equipment.

The six-and-a-half-day trial was anything but routine. A day after attempting to fire his court-appointed attorney, Robert Adler--who countered that Flippo was trying to undermine his own trial--Flippo, then still free on $100,000 bond, drove himself to the hospital June 13 claiming he'd suffered a stroke. He was released the following day. Hurley recessed the trial but took the unusual step of revoking Flippo's bond June 17 after a physician told the judge that medical tests determined that Flippo had not had a stroke.

Hurley said he was concerned that Flippo might not return to court for his sentencing hearing and ordered him returned to jail. Flippo reportedly hung his head after the jury returned a guilty verdict on the second count. He had no comment for a reporter as he was led back to jail.

Sentencing could take place in about a month. According to the FCC, Flippo faces a maximum penalty of eight years in prison--one year on each count. He also could be fined up to $80,000.

FCC INVITES PUBLIC COMMENTS ON NEW AMATEUR BAND PROPOSALS

Public comments on FCC proposals to create two new amateur bands and to upgrade an Amateur Service allocation at 2.4 GHz to primary are due July 29, and reply comments are due by August 12. In response to an ARRL petition, the FCC last month released a Notice of Proposed Rule Making (ET Docket 02-98) that proposed to create a new 5-MHz HF allocation and a new low-frequency band in the vicinity of 136 kHz in addition to elevating amateurs from secondary to primary at 2400 to 2402 MHz.

The FCC adopted the NPRM May 2 on a unanimous vote. The NPRM was published June 14 in The Federal Register. A copy of the petition is available on the ARRL Web site <http://www.arrl.org/announce/regulatory/et02-98/>. Interested parties may file comments via the FCC's Electronic Comment Filing System (ECFS) <http://www.fcc.gov/e-file/ecfs.html>. To view filed comments, click on "Search for Filed Comments;" to file a comment, click on "Submit a filing." In either case, enter "02-98" in the "Proceeding" field. More than 130 parties--most of them individual amateurs--already have filed comments.

If the proposals eventually are approved, amateurs would gain a new, secondary, domestic (US-only) HF allocation at 5.25 to 5.40 MHz and a new LF "sliver band" at 135.7 to 137.8 kHz.

The FCC has recommended permitting amateurs to operate at full legal limit on a new 5-MHz allocation, but it left open for further discussion whether to restrict band access to certain license classes. The FCC also has invited further comment on whether the band should be broken down into mode-specific subbands.

On 136 kHz, the FCC has proposed limiting output to 1 W effective isotropic radiated power (EIRP)--or 100 W PEP maximum transmitter output--and with a transmission bandwidth of only 100 Hz. The ARRL had asked for 2 W EIRP and a maximum transmitter power of 200 W PEP. The FCC has asked whether its proposed power limits are appropriate. The FCC proposed to limit access to the band to General and higher-class licensees.

WORLD RADIOCOMMUNICATION CONFERENCE 2003 RESCHEDULED FOR GENEVA

ARRL has learned that World Radiocommunication Conference 2003 will take place in Geneva, Swit-

zerland, next June and July. The conference was set to be held in Caracas, Venezuela, but the Venezuelan National Commission of Telecommunications (CONATEL) rescinded the invitation earlier this month, citing economic concerns. The International Telecommunication Union (ITU) is expected to issue a formal announcement regarding the new WRC-03 venue in the near future.

Several issues of importance to radio amateurs are on the conference agenda, including harmonization of the 7-MHz amateur and broadcasting allocations. Other Amateur Radio-related issues on the WRC-03 agenda include the revision of Article 25 of the international Radio Regulations--the basic rules for the Amateur and Amateur-Satellite services. Among other issues, this includes the issue of whether to retain the treaty requirement to demonstrate Morse code proficiency for access to amateur bands below 30 MHz.

WRC-03 will take place in Geneva from June 9 until July 4, 2003.

ARRL OUTGOING QSL SERVICE TOPS ONE MILLION CARDS FOR 2002

ARRL Outgoing QSL Service Manager Martin Cook, N1FOC, reports that, as of June 14, the bureau had mailed 1,016,100 cards to various incoming QSL bureaus in other countries. Cook says the number represents an increase of 89,700 cards over the date one year ago.

ARRL PART 15 STANCE DRAWS INDUSTRY FIRE

An ARRL challenge to the FCC's authority to permit Part 15 unlicensed operation of radio devices that may interfere with licensed services has drawn heavy fire from industry. The list of those filing opposition comments includes several unlicensed device makers and other industry giants, including Apple Computer and Microsoft.



Some industry opponents are claiming that the ARRL wants to undo Part 15 altogether and would require individual licensing of such unlicensed devices as garage door openers and cordless telephones. ARRL General Counsel Chris Imlay, W3KD, says the industry commenters have it all wrong.

The industry assault came in direct response to an ARRL Petition for Reconsideration in a proceeding (ET Docket 98-156) to amend Part 15 rules to allow certification of unlicensed, Part 15 equipment in the 24.05 to 24.25 GHz band at field strengths up to 2500 mV/m. The FCC first proposed permitting the 24-GHz Part 15 devices at the elevated field strengths in 1998 in response to a Petition for Rule Making from Sierra Digital Communications.

The ARRL wants the FCC to reverse a portion of its Order that addresses the Commission's jurisdiction to authorize unlicensed RF devices that pose significant interference potential to licensed services. The League has made similar points in two other recent rulemaking proceedings, arguing that the FCC is expanding the concept of unlicensed devices far beyond what the Communications Act ever had in mind.

Citing the "staggering" implications of ARRL's position, opposition comments filed on behalf of Agere Systems, Apple Computer, Bluetooth Special Interest Group, Cisco Systems, Microsoft and VoiceStream Wireless asserted that potentially every user of devices that radiate RF--intentionally or otherwise--"would be required to obtain an individual license from the Commission" if ARRL's position prevails. Part 15 has "a long, accepted and successful history," the commenters said, urging rejection of ARRL's petition.

Comments submitted on behalf of the Institute of Electrical and Electronics Engineers (IEEE) 802 Local and Metropolitan Area Network Standards Committee <http://ieee802.org> echoed a similar refrain. "To 'pull the rug out from under' Part 15, as the ARRL would do, would devastate the industry and do great harm to the users of the technologies that Part 15 has enabled," its comments declared.

In its comments in opposition, the Information Technology Industry Council (ITI) said it did not believe the types of unlicensed devices of concern to ARRL "have significant potential for interference to licensed radio services." Line-of-sight systems using highly directional antennas "should not pose any undue or significant threat to amateur satellite operation," ITI said in supporting their operation and deployment. ITI argued that ARRL was misinterpreting the Communications Act.

ARRL's Imlay says the industry commenters are missing the point and, he adds, responding to arguments that ARRL never made--such as individual licensing of Part 15 devices. "This is a perfect example of where the FCC went too far," he said of the Order issued last December in the 24-GHz proceeding. "There's a threshold. The trick is where to draw the line between licensed and unlicensed devices." The League contends the FCC has failed at distinguishing between what should and should not be licensed and, in so doing, has violated the Communications Act.

In its Petition for Reconsideration filed in February, the League said the issue was not whether the FCC has jurisdiction to enact reasonable regulations concerning RF devices. "Rather," the League said, "it is whether or not a device which has substantial interference potential to licensed radio services must be licensed." The ARRL argues that the limit of FCC's jurisdiction is reached when it's concluded that operation of such devices "has a substantial interference potential" to a licensed service.

"Any way you look at it, this ought to be a licensed radio service," Imlay said of the 24-GHz device at issue. He believes the proceeding provides a good opportunity to test the theory that a license is required for any application that "poses substantial likelihood of interference." Amateurs and Part 15 devices can co-exist on the same spectrum, Imlay says, "provided there are reasonable power levels that, on a whole, do not pose an interference threat."

Imlay says the ARRL will prepare a reply for filing by the June 28 deadline in the proceeding. Amateur Radio is primary at 24.0 to 24.05 GHz and secondary on the rest of the band.

CC DISMISSES EMP SHIELDING PROPOSAL

The FCC has dismissed a petition that would ave required all electronic equipment subject to the ommission's jurisdiction--possibly including amateur ear--to be shielded against electromagnetic pulse (EMP) amage. The petition, filed last fall by Don Schellhardt nd Nick Leggett, N3NL, was put on public notice in De- ember and designated as RM-10330.

"The comments filed in response to the Public lotice overwhelmingly favor dismissing the petition for ule making," the FCC told the petitioners by letter May 4. "Contrary to your claim, several commenters point to tandards that the industry has adopted which address EMP protection." Fourteen parties filed comments, and our separate parties filed replies, the FCC said in turning down the petition. The ARRL did not comment on the Schellhardt-Leggett proposal.

As drafted, the Schellhardt-Leggett proposals would have applied to both new and existing equipment falling within its scope and would have included at least some Amateur Radio equipment. In 1986, Schellhardt and Leggett filed a similar petition with the FCC seeking a No- tice of Inquiry on possible shielding of electronics against EMP. They say the September 11 terrorist attacks moti- vated them to approach the FCC once more on the topic. EMP--a high-voltage wave of electromagnetic energy--already is known to be a side effect of a thermonuclear explosion. But Schellhardt and Leggett claimed that ter- rorists could initiate an EMP using other technology--so- called "E bombs"--developed by the US military but, as yet, untested on a major scale.

Leggett told the ARRL that the primary intention was to promote serious discussion on the EMP issue. The FCC noted that among the commenters was the Alli- ance for Telecommunications Industry Solutions (ATIS), which argued that its Committee T1 was developing stan- dards to protect telephone switching facilities from EMP.

The International Electrotechnical Commission (IEC) also indicated that it was developing voluntary EMP standards aimed at the protection of commercial buildings and equipment.

A voluntary EMP standards development proc- ess, the FCC concluded, "is the best method for develop- ing guidelines and safeguards to address protection of the communications infrastructure." In light of that activity, the FCC added, "it appears that government intervention is not warranted."

ARRL INAUGURATES "LOGS RECEIVED" PAGE

ARRL has inaugurated an automated "Logs Re- ceived" Web page <http://www.arrl.org/contests/claimed/> starting with entries for the ARRL June VHF QSO Party. All properly submitted electronic logs that are issued a receipt by the contest robot are automatically added to the page on an hourly basis. Logs that are returned to the sender with a message citing problems that need correc- tion are not issued a receipt by the robot and will not ap- pear on the list. Listings will only appear once corrections are made by the participant and the re-submitted log has been given a receipt by the robot. Paper logs that must be manually entered by the ARRL Contest Branch staff also will not appear on the list until after submission deadlines have passed for the contest and all data entry for the pa- per logs has been completed. This automated system will be utilized for all future ARRL-sponsored contests that are supported by the Cabrillo format and the contest robot. Field Day is not supported by the robot. Field Day logs will be posted once all initial data entry for the event has been finished. For more information, contact ARRL Con- test Branch Manager Dan Henderson, n1nd@arrl.org; 860-594-0232.

ARRL CONTEST RATE SHEET OFFERS TIMELY NEWS FOR ACTIVE AND CASUAL CONTESTERS

The ARRL Contest Rate Sheet--a newsletter for those with an interest in contests and contesting--is avail- able for e-mail delivery free-of-charge to ARRL members. (It's also posted on the ARRL Web site.) Members can sign up now for delivery. The Rate Sheet editor is Ward Silver, N0AX, who also edits "Contest Corral" in QST and

ARRL MEMBERSHIP

If you haven't joined or rejoined the ARRL, please do so through the Radio Club of Tacoma! The ARRL is the major voice for Amateur Radio in the US and, besides providing a wealth of information to its members, they provide us with a voice in Washington to help protect the interests of all amateurs. Additionally, RCT is an ARRL Special Service Club and RCT needs to have at least 51% of its members belong to the ARRL to retain its Special Service Club status. See the Treasurer for application forms, and bring your ARRL re- newal notices and rejoin through the club. The club re- ceives a commission for each new membership sent through the club.

SPECIAL SERVICE CLUB

JOIN TODAY!

See our club treasurer or membership person for details.

is a regular contributor to other QST departments as well as to National Contest Journal. Each issue of the Rate Sheet includes news, announcements and notices for a two-week period, plus contest tips and technical/ technique briefs. Silver invites suggestions for content and organization via e-mail to rate-sheet@arrl.org. ARRL members can subscribe to the ARRL Contest Rate Sheet by logging onto the ARRL Web site as a member, then going to the Member Data Page <http://www.arrl.org/members-only/memdata.html?modify=1>;. Under the heading "Which of the following would you like to receive automatically via email from ARRL?" check the box for "ARRL Contest Rate Sheet (biweekly contest newsletter)."

NEW EXTRA CLASS QUESTION POOL EFFECTIVE JULY 1

Starting July 1, a new Amateur Extra class (Element 4) question pool goes into effect for examinations given on or after that date. The new pool contains more than 800 questions--up from the present 685. There is no change in the number of questions or the passing grade for examinations derived from the new question pool, however, and no other examination elements are affected. A representative from ARRL VEC sits on the Question Pool Committee, which is composed of representatives of four of the nation's Volunteer Examiner Coordinator organizations. Question pools are revised and updated on a timetable determined by the QPC, which is soliciting candidate questions based on the recently released Technician (Element 2) syllabus. All current question pools are available on the ARRL Amateur Exam Question Pools Web site <http://www.arrl.org/arrlvec/pools.html>.



CC&R BILL "THE RIGHT AND FAIR THING," SPONSOR SAYS

The sponsor of a bill aimed at providing relief to amateurs faced with private deed covenants, conditions and restrictions--CC&Rs in erecting antennas--says he introduced the measure because "it's the right and fair thing to do." Freshman Rep Steve Israel (D-NY) introduced the "Amateur Radio Emergency Communications Consistency Act" on May 14. The measure--H.R. 4720--would require private land-use regulators--such as homeowners' associations--to "reasonably accommodate" Amateur Radio communication consistent with the PRB-1 limited federal preemption. PRB-1 now applies only to states and municipalities.

H.R. 4720 has been assigned to the Telecommunications and Internet Subcommittee of the House Energy and Commerce Committee.

Israel, whose father, Howard, is K2JCC, told amateurs in his home district recently that he's already hearing from Commerce Committee members who have been contacted by their Amateur Radio constituents regarding H.R. 4720. His remarks May 29 during a special meeting of the Great South Bay Amateur Radio Club in Long Island, New York, marked his first public effort to drum up support for the measure within the amateur community. Members of other Long Island clubs also were on hand for Israel's visit.

Israel says the FCC currently does not apply the PRB-1 limited federal preemption policy consistently--a situation he called "patently unfair" to those living in developments, where they face antenna restrictions or even outright prohibitions. H.R. 4720, Israel explained, would require entities imposing private land-use restrictions--such as homeowners' associations--to enter into good faith negotiations with amateurs in an effort to "reasonably accommodate" Amateur Radio communication--just as they do now with public land-use regulation.

"In America, we are fair and consistent," Israel said.

Rep Greg Walden, WB7OCE (R-OR)--the only Amateur Radio operator in Congress--and Rep Pete Sessions (R-TX) have signed on as original cosponsors of H.R. 4720. Since its introduction, the bill also has attracted two additional cosponsors--Rep J.D. Hayworth (R-AZ) and Rep Patrick Tiberi (R-OH).

The measure, which ARRL assisted in drafting, contains a single sentence: "For purposes of the Federal Communications Commission's regulation relating to siting antenna structures in the Amateur Radio Service (47 CFR 97.15), any private land use rules applicable to such structures shall be treated as a state or local regulation and shall be subject to the same requirements and limitations as a state or local regulation."

The ARRL encourages its members to contact their congressional representatives and urge them to sign on as co-sponsors and to support H.R. 4720. Visit the US House of Representatives "Write Your Representative" Service" Web page <http://www.house.gov/writerep/> for information on how to contact your representative.

The League requests those writing or e-mailing members of Congress--whether or not they are supporting this legislation--to copy ARRL on their correspondence--via e-mail to ccr-bill@arrl.org or via US Mail to CC&R Bill, ARRL, 225 Main St, Newington, CT 06111. Correspondents should include the bill number, H.R. 4720, as well as their name and address on all correspondence.

QPC RELEASES TECHNICIAN SYLLABUS, INVITES CANDIDATE QUESTIONS

The Question Pool Committee of the National Committee of Volunteer Examiner Coordinators (NCVEC) has released the newest Technician (Element 2) syllabus into the public domain. The syllabus will be used to develop the new question pool for Technician examinations that become effective July 1, 2003.

The QPC is encouraging all amateurs to submit candidate questions by September 15. Candidate questions should be e-mailed to qpc@arrl.org.

All questions must be no more than 210 characters (including spaces and punctuation) in length. All answers and distracters must be no more than 140 characters (including spaces and punctuation) in length. Those

ıbmitting questions should identify the syllabus area g, T4B) and the correct answer. If the question is rule-ased, identify the specific Part 97 citation. For technical uestions, a reference is highly recommended.

Examples of the question format may be found any license manual. The new syllabus has been posted n the Amateur Exam Question Pools Web page <http://ww.arrl.org/arrlvec/pool.html>.

OST SELECTED FOR THIRD USA DIRECTION-INDING COMPETITION

ARRL Amateur Radio Direction Finding Coordi-ator Joe Moell, K0OV, has announced that the OH-KY-N Amateur Radio Society has been selected to host the ıird USA national championships of on-foot hidden ansmitter hunting competition next summer. The event ill take place July 30 until August 2, 2003, near Cincin-ıati, Ohio. "Event venues are being mapped, the official ıry is being selected, and the registration period will be-in soon," Moell says, who says the long lead time will elp ARDF enthusiasts from all over the world to make dvance plans for this important event. The champion-hips are open to anyone, at any ARDF skill level, from ny country with an IARU member-society. Co-chairing he planning are Bob Frey, WA6EZV, and Dick Arnett, VB4SUV, of the OH-KY-IN ARS. "Both have a wealth of xperience in the sport, having competed at the first two JSA national Championships, the 1999 IARU Region 2 Championships, and the 2000 World Championships," Moell said. Additional support will be provided by the Cin-cinnati Orienteering Group (OCIN). Group housing and local transportation will be available. Additional informa-tion and updates are available at the 2003 USA ARDF Championships Web site <http://w3.one.net/~bfrey>. In-formation on the sport of ARDF (radio-orienteering) and results of the 2002 USA ARDF Championships near At-lanta are available on Moell's "Homing In" Web site <http://www.homingin.com>.

A WIN IN KINDERHOOK: ARRL, PRB-1 CREDITED IN ANTENNA BATTLE

A New York amateur is crediting the limited federal preemption PRB-1 and ARRL with helping him win approval for an antenna support structure on his property. Fred Fitte, WA2MMX, spent the better part of a year trying to gain the necessary approvals from the Town of Kinderhook. He finally got a building permit earlier this month.

"It's been a really ugly battle for about eight months," Fitte said. "I can't say enough good things about the League."

The Town of Kinderhook would not allow a ham radio antenna support structure in excess of 35 feet without a variance. "PRB-1 is what saved my bacon," said Fitte, who finally won approval of his request to erect a 50-foot tower on a 3-1 vote of the town's zoning board of appeals. PRB-1, which is spelled out in the FCC Amateur Service rules under §97.15(b), requires municipalities to "reasonably accommodate" amateur communication. Fitte said that by the time he had presented his case, "it was real clear that the zoning board of appeals knew what they had to do."



Fitte singled out ARRL Hudson Division Director Frank Fallon, N2FF--who attended every hearing--and ARRL Lab Supervisor Ed Hare, W1RFI--who attended several--for special mention. A required trip to the town's planning board for a "site review" was routine and uneventful, he said.

Fitte called Fallon "a crusader in the effort to keep ham radio active and moving forward," and said he became an ARRL Life Member because of his efforts. He also credited his legal counsel, Al Millus, WB2EQR, and Dr George Wilner, K2ONP, head of the Hematology Department at Albany Medical Center, whose expert testimony addressed concerns about possible RF exposure.

Fitte said the zoning board "acknowledged that PRB-1 was a major factor in the decision" and that if his application had been considered based solely on a request for a variance, it would not have been granted.

Despite its earlier opposition, Fitte said, the ZBA eventually came to conclude that his application did not significantly alter the character of the neighborhood, did not affect property values and did not have a negative environmental impact. In addition, he said, the board agreed that no negative health impact based on RF exposure was proven. More pertinent, however, was a conclusion that a 35-foot structure would not be conducive to effective communications and that 50 feet--his request--was the bare minimum. Fitte said the ZBA also accepted Hare's assertions before the board that 75 feet was the accepted height for optimum communications.

The zoning board's approval did not come without some restrictions, however. Fitte's tower was approved for the left side of the house. Fitte had hoped to erect it on the right side of the structure, nearest to his ham shack. The ZBA okayed a total height of 75 feet--50 feet of tower and 25 feet of antenna, an outcome he called "a pleasant surprise." He also agreed to install an anti-climbing device and to remove the structure when he moved. He also must provide proof of license renewal every 10 years.

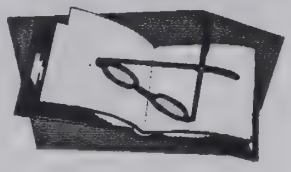
With a building permit now in hand, Fitte says he intends to get his town's zoning code changed to provide an exemption for Amateur Radio antenna support structures. But that will have to wait for a tower-raising party, he said.

ANTARCTIC LEDGE NAMED AFTER AMATEUR

A ledge in the Antarctic has been named after a Connecticut ham who provided phone patches for scientists working in the region. Larry Skilton, K1IED, says that to his knowledge, he's the first Amateur Radio operator who's never been to Antarctica to have a place named after him for services rendered. Skilton Ledge is described as a relatively flat rectangular rock platform at the southeastern margin of Midnight Plateau in the Darwin Mountains. The upper surface is ice-covered, but a rock cliff forms the southern end. Skilton made phone patches in

Amateur Radio Exams

in the Puget Sound Region as of May 21,2002



1st Thursday - 7 PM - **Redmond** Operation Center - Contact Brian Wood, KF7QF, 425-481-2361, Snohomish

2nd Tuesday - 7:00 PM - Radio Club of Tacoma *Clubhouse, 1249 S. Washington St. - Contact Shirley Murphy, N7QHW, 253-265-3661, Gig Harbor*

2nd Saturday - 10 AM - Tukwila - Telephone Wireless Pioneer's Museum, 7000 W. Marginal Way, Contact Mary Lewis, W7QGP, 206-523-9117, Seattle

2nd Saturday - 10 AM - Shelton - Department of Emergency Management - Sanderson Field, 401 W. Business Park Rd - Contact Rick Colton, W7SMC, 360-426-1716, Shelton

3rd Tuesday - 7 PM - Maple Valley - Fire Station, 22225 SE 231st St, Maple Valley. Contact Dave Barber, K7LHB, 253-638-1495, Maple Valley.

3rd Saturday - 9 AM - Ferndale - American Legion Hall, 5537 2nd Ave. - Contact Gene, KB7LNE, 360-384-0771, Ferndale

3rd Saturday - 1 PM - Renton - Salvation Army Hq, 720 Tobin Street - Contact Jan VanAllen, K7YH, in Kent, at 206-824-9039.

3rd Saturday - 9:30 AM - Bremerton - Room B-101, Business Bldg, Olympic College - Contact Sue Johnson, AB7MD, 360-697-9379, Bremerton

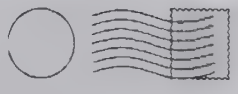
3rd Saturday - every 4th month - 9:30 AM - Montesano High School - Pearsall Center, 2109 Sumner Ave. Contact Nick Bender, NX7W, 360-249-4671, Montesano

4th Wednesday - 6:30 PM - Everett - Boeing Activity Center, 6400 36th Ave. West - Contact Dwayne Broderson, KG7WR, 206-542-0285, Seattle

4th Saturday - 10 AM - Everett - Everett Housing Authority - 14th and Popular - Contact Loren Hole, KK7M, 425-335-5158, Lake Stevens

Please send updates to: Jerry Seligman, W7BUN, 12306 80th Ave East, Puyallup, WA 98373. Phone: 253-845-7652. E-mail: w7bun@wa.net

NEW ADDRESS?
BE SURE TO LET THE CLUB KNOW
TO CONTINUE
RECEIVING YOUR BARK



TUESDAY NIGHT NE
MAY CHECK-INS

CALL	NUMBER OF CHEK-INS	NAME
W6JDG	1	DAVE
W7AEA	3	MAX
N7ANF	2	RICH
KJ7BN	3	MARILYN
AC7BU	1	AL
K7BUD	2	BUD
W7BUN	2	JERRY
KD7BVO	1	LYNNETTE
N7BXI	1	ROY
K7DBU	1	JACK
W7DON	3	DON
N7EAY	1	ALAN
W7EC	3	HAL
KC7EQ	2	ANGELA
KK7FM	2	GEORGE
KE7GG	1	BILL
N7ICW	1	CHUCK
KD7IGY	1	WILMA
W7IMW	4	JACK
KA7IOX	3	SCOTT
WA7IVO	1	NICK
K7JIL	4	JILL
KC7JME	4	NORA
AC7JY	4	FRANK
KD7KPY	1	KEITH
KD7KPZ	1	DANA
AC7KQ	4	RAY
AC7LK	3	JOHN
KD7NES	1	GWEN
WA7NOQ	1	JOHN
WA7OHG	4	WADE
KC7OKS	1	ED
KD7OPO	1	BOB
KC7OQN	3	JOHN
KD7PAU	1	JOE
KB7QAG	3	JEFF
KD7QBC	2	JEFF
KD7QBD	1	LUCAS
WB7QCS	2	ROB
N7QHW	2	SHIRLE
N7QHX	2	TOM
AC7QN	1	CHUCK
N7QOZ	4	BOB
KK7QS	3	MICK
KK7QW	1	PETE
KD7QYT	1	STEVE
K7ROL	2	CAROL
N7RRL	2	MARK
W7RSO	1	DAVE
W7RW	1	ANDY
W7SKI	3	BOB
KB7SVX	4	JEAN
KC7SYW	3	MARY
N7UBP	1	KEN
KC7VUC	1	MARTY
KC7VUM	4	LOU
KC7VUQ	1	JON
W7WG	3	WORTH
AB7W[illegible]J	3	BILL
KB7ZDR	1	MICHAE

NET CONTROLS

MAY 7 KK7QS
MAY 14 KA7IOX
MAY 21 AC7BU
MAY 28 N7ANF

Editor's Notes

kathleen@naceplace.com



Since last I typed, we have finished our travel to the NW, with a slightly extended stay in Spokane because Roger needed a small repair job. Seems he had been having chest discomfort for about a week. Finally called his Dr., who said to chew an aspirin and go to the hospital. So 3 days later I got him back after a stent was installed in a coronary artery. There was no damage to the heart because he acted fairly quickly and had symptoms to act on. Thanks be to God! He is doing fine now and we will go back to Spokane for the 1 month check next week.

Looks like Field Day went well and I hope that W7DK at the Beach did too. Until next time, 73. Kathlee

RADIO CLUB OF TACOMA–W7DK

ELECTRONICS FLEAMARKET

SATURDAY SEPTEMBER 14, 2002

Admission $5 (16 and under FREE with an adult)
FRONTIER PARK (Pierce County Fair Grounds)
21718 Meridian Ave. E. Graham WA.
Open 9 a.m. to 3 p.m.

From I-5 take exit 127 to SR–512 E. Go 8.6 miles to SR–161. Turn right on to Meridian St. Go south 7 miles to Frontier Park on your right. We'll have signs out to greet you!

Visit us at www.W7DK.ORG for more Fleamarket information

License Examinations on site at 10 a.m.

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Talk in on 147.38 pl 103.5 or 146.58 simplex

Tables will be available on site

SET UP TIME: 2P.M.–7:30P.M. Friday----- 6A.M.–8:30A.M. Saturday

RETURN THIS PORTION ONLY FOR TABLE RESERVATIONS

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Sandra Simmons, 21915 78th Ave. E, Graham, Wa 98338

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	TOTAL AMOUNT ENCLOSED	

SEPT 2002

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COMING EVENTS

SEPT 4 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

SEPT 10 - License Testing - 7 PM, Clubhouse

SEPT 11 - Club Meeting - Library Administration Center, 7:30 PM

Program: RCT PLANNING COMMITTEE REPORT

SEPT 14 - Pinochle Potluck

***SEPT 15** - BARK deadline*

SEPT 25 - Club Meeting - Library Administration Center, 7:30 PM

Program: VP8THU, 2002 DXPEDITION TO SOUTH SANDWICH ISLANDS

- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- *Check in on the 10 Meter Net every Sunday evening, 8 PM, on 28.375 MHz USB*
- See page 3 for meeting program schedule. Check the weekly net for updates to the program schedule.
- YLs - Check in to the YL Net on the 147.28 repeater every Monday at 8 PM.

September 2002

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 TODD KELLEY KD7NPT *	2 Labor Day STUART ARESTAD W7OQQ * Week 35	3 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	4 LESTER FRIES KA7MYU * 7:30 PM RCT BOARD MTG	5 TOM GILMORE W7PK *	6 PUYALLUP FAIR - COME VISIT THE W7DK BO...	7 W7DK OPENHOUSE - 10:00 AM TO 2:00 PM
8 JUDY KIRKREIT AJ7R *	9 Week 36	10 7:00 PM RCT LICENSE EXAMS 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	11 7:30p General Membership Meeting	12	13 RAY WINTER AC7KQ *	14 W7DK OPENHOUSE - 10:00 AM TO 2:00 PM W7DK FLEA MARKET
PUYALLUP FAIR - COME VISIT THE W7DK BOOTH						
15	16 Week 37	17 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	18 WORTH GURLEY W7WG	19	20 ERIC QUIST WA7WAL *	21 W7DK OPENHOUSE - 10:00 AM TO 2:00 PM GARY BREIVIK N7GWC *
PUYALLUP FAIR - COME VISIT THE W7DK BOOTH						
22 PUYALLUP FAIR ...	23 ROBERT ARCHER N7APP * Week 38	24 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	25 ROBERT CROUCH KG7SM * Mtg	26 BUD MITZE JR K7BUD * FRANK BANNON KC7CQW *	27	28 W7DK OPENHOUSE - 10:00 AM TO 2:00 PM ~~W7DK SWAP AND SHOP~~ LORNA NELSON KB7YTJ Mini Flea Market
29 AL BURLESON K7HW * JOHN CURRIE W7ARK *	30 Week 39					

radio club of tacoma W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

W7DK

VOL. XXXIX NR. 9

SEPTEMBER 2002

FROM THE PRESIDENT,

Mick KK7QS

Hello everyone. We are off and running with our plans to improve the clubhouse and its usability. Our immediate plans involve getting the stations set up with proper, easy to use antenna switches with easy to follow directions. We plan to clean up the tower and move the repeater to a cooler location downstairs.

We are considering putting both the 147.28 and the 440.625 in the small cut-out area near where the 440 repeater is now. This will require a quite a bit of cable and coax moving. We plan to design and set up the second tower and the ATV station. Also the new all mode, all band station.

This is a lot of new installations going in with the ones we already have. This could end up with quite a mess of wires and cables. Therefore the Board of Directors decided it would be wise if we appointed a station engineer/ designer.

As a start, I appointed Nick Winter/WA7IVO to take the task of Station Engineer. Nick will design and engineer plans to do all the clean up and installs of the new and existing stations and their antennas. He will design proper installation plans to submit to the board for approval.

Upon Board approval, work crews will be put together to do the work. We would like to get started as soon as possible.

We plan to organize all the stations and antennas. We do not intend to take over all installs and not allow antenna design and testing. In fact, our overall plan will include an area just for that.

We want a clubhouse that is well-equipped and easy to use. At the same time, it is essential

Continued on page 5

Events and News Brief

- Mark Yordy, W7BBO, is the new Emergency Coordinator for Pierce County. Story in ARES article on page 6.
- Planning Committee to solicit ideas from membership at meeting. See page 7 Upcoming programs at RCT.
- 53 check in to Tuesday night net See page 9.
- KK7QS and KB7SVU move the crank-up tower, details on page 11.

Special Report: Charitable Donations to the Radio Club of Tacoma by John, AC7LK, page 13

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New BARK Editor is KD7BVO

Lynnette Martek KD7BVO has assumed the job of BARK editor. For several years, Kathleen Nace prepared the monthly BARK and now she and Roger are taking a much-deserved break.

The Marteks are a "house of hams." Gary, W7DO has been a licensed ham for over 30 years and currently enjoys CW and short-wave listening. Lynnette was first licensed in 1998, upgrading to Extra in 2000. Her ham activity is mainly on the WAS nets. Monica KD7GJM and Bernard KD7GOE earned her first licenses in the summer of 1999 and both upgraded to General Class in 2000. The whole family enjoys Field Day Weekend and volunteering for ARES events with the Radio Club of Tacoma.

Lynnette would like to assure the readers that the BARK will continue to evolve from this issue with the goal to achieve the high standard that Kathleen has set forth.

RADIO CLUB OF TACOMA – 2002

PRESIDENT	MICK PIER	KK7QS	847-8223
V PRESIDENT	RICH MANSON	N7ANF	474-8883
SECRETARY	ED ROOT	KC7OKS	851-7463
TREASURER	ROGER TERWILLIGER	WA7ANJ	475-4293
BOARD (5)	WORTH GURLEY	W7WG	582-3844
	MOREL GUYOT	W6LIX	838-5433
	GEORGE NOBLE	KK7FM	756-1127
	FRANK PALMER	AC7JY	539-7772
	JILL PALMER	K7JIL	

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REPORTERS	SHIRLEY MURPHY	N7QHW	265-3661
	ROGER TERWILLIGER	WA7ANJ	475-4293
	ROGER NACE	K8RN	209-5624
	DICK RYAN	W7RGD	627-0922
	JERRY SELIGMAN	W7BUN	845-7652
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ASSISTANT ED.	ROGER NACE	K8RN	209-5624
COMPOSITOR	LYNNETTE MARTEK	KD7BVO	209-5624
PUBLISHER	W7DK PRESS	N7QHW	265-3661



W7DK/Radio Club of Tacoma

147.28 / .88 MHz

144.97 - Packet

147.38 / .98 MHz (PL 103.5)

440.625 / 445.625 (PL 103.5)

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month

Pierce County Library

District Center

3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Po Office Box 11188, Tacoma WA 98411 253-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membersh 20-times the appropriate annual fee. E-mail all articles to lmartek@cs.com or mail to Lynnette Martek, KD7BVO, 308 118th Ave. Ct. Edgewood, WA 98372. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-594 Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half pag $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted C umn articles are free to R.C.T. members. *The Logger's Bark* does not verify or guarantee statements in the Swap or Wanted columns. Pe mission is granted to use any or all portions of articles published in *The Logger's Bark* if credit line is included in the report.

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educ tional purposes.

New Members this Month

DOUGLAS OAKMAN (No Call)

AB7ME PAULA CARTER

WA7RSO DAVE FUNK

KD7QBF MIKE WINGREN

KD7OYY PATRICK SULLIVAN

KJ7XJ ERIC MALLEK

KD7OPO ROBERT LEE

KD7NUV MICHAEL DELANEY

KC7JPJ PHILLIP PAILLETTE

Welcome to all new members!

repeat

The Radio Club of Tacoma Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Hours on Saturdays are 9 a.m. to 2 p.m.

Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 253-759-2040

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We Regret to Inform You...

The following members or friends of the Radio Club of Tacoma are Silent Keys:

Marjorie Chavis Beechie, K7AMJ, passed away on May 26, 2002.

Kenneth E. Warter, N7ABT, passed away on August 3, 2002.

Byron Kabran, K3ROT, passed away on August 20, 2002.

Membership Reinstatements

W7KFN: Raymond Peterson

KB7ZDR: Michael Compton

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please contact Jill Palmer, K7JIL, 253-539-7772 or e-mail hamtalker2@aol.com

From the President

Continued from Page 2

that we use proper grounding and everything else is up to code. If you have any concerns about our plans, feel free to contact me. You can e-mail me at kc7tvm@worldnet.att.net. Or you can call me at 253-847-8223.

John Robson /AC7LK has volunteered to orchestrate the work as it is approved. John has also volunteered to help with questions or concerns you may have about our plans. Include your ideas of what you would like to see incorporated in the layout.

We want you to be happy with your club and its stations. By the way if you need to contact me during the day I can be reached on my cell at 253-219-7734. As you know, all club members are welcome to attend our board meetings. Please come and help shape our club.

There weren't enough voting members at our August Board meeting but we met anyway. I wanted to announce the appointment of Nick to the position of station engineer, which had been approved at a previous meeting. We also wanted to discuss ideas and concerns. We actually had a pretty productive meeting. Well enough for now. I best let you go. 73 de kk7qs / Mick



See Mick's account of Moving the Crank-Up Tower on Page11

Learning

Repeater Etiquette by John, AC7LK

1. Listen to the repeater before keying the microphone. If the repeater is in use, wait.

2. Don't break into a contact unless you have something to add. Interrupting is just as impolite on the air as it is in person.

3. Use minimum power to key up the repeater. To make a contact, simply indicate that you are on frequency. For example, your call sign, followed by the word "monitoring." Do not use "break" unless there is an emergency.

4. Amateur radio transmissions are being monitored by many hams as well as non-hams. Watch your language and your manners. Don't bring disrepute to the amateur radio service.

5. Repeaters are intended to facilitate mobile and portable operation. During rush hour, base stations should relinquish the repeater to community mobiles and portables. This is not a time for the IRLP.

6. Be courteous. The repeater is a shared resource. While it is nice to carry on a long conversation with a friend now and then, doing it almost daily wears on almost everyone else's patience. A lot of users are uncomfortable with breaking in, even if invited. What is a "long time" depends on the time of day. Prime time may be ten minutes. The middle of the night may be as long as one hour.

7. Identify legally and don't over identify. You are required to identify every ten minutes and at the end of the contact. When you give your call sign, don't say "for id": it's always for id. It is courteous to repeat the call of another station to let that station know that you have it. It serves no purpose to do it repeatedly, or with people you know well.

8. Use of the term "over" is appropriate on a repeater without a courtesy tone. Otherwise it is redundant.

9. Use plain English. Don't use CB jargon. There is no place for CB talk. There is no reason to ever say "the handle here is....." or "the personal here is....." "Roger that" and the phonetic alphabet are appropriate on sideband and simplex when conditions require. There is no need for it except in the most unusual circumstances on fm. Use the repeater as though you were on a telephone.

10. The following is a direct quote from a QST Article on repeater courtesy. "Don't use the repeater to shoot the breeze endlessly with loca stations. Make your contact and move to a simplex frequency. The system is designed for mobile and long distance qso's, not for local rag chewing." Rag chewing is appropriate ham radio conduct, it is not appropriate on a repeater. Use high frequency if two-meter simplex is not available.

11. Keep transmissions as short as possible so as to avoid the time-out timer.

12. Never kerchunk a repeater. If you want to test your equipment, your location, your antenna, or whatever, without making a contact, simply give your call followed by the word "testing." When you

Continued on Page 1

ARES/RACES BY SHIRLEY MURPHY, N7QHW

It is going to seem that this news is coming sooner than expected and you're right. There are some changes in the organization and I felt it would be helpful to all to share as much information with you as possible.

Paul Nadeau, N7VBJ, was informed of some changes at his job which requires him to do a significant amount of traveling, thus making him not available a great deal of the time. He regretted having to resign so soon but felt it was necessary in order for continuity and stability to be attained by the organization. I felt the short time he was in his position that he effected positive changes in the attitudes of the members and the positive vibes felt good. We as a group thank him for that and all his efforts for the organization. He will still be involved whenever he is able.

Following additional applications for the position, Tom Sanders, W6QJI, Acting District 3 Emergency Coordinator in Monte Simpson's absence, appointed Mark Yordy, W7BBO, as the new Emergency Coordinator for Pierce County. Mark has been the Zone Manager for the past several years and has had excellent relationships with the community leaders, fire department personnel, police, etc. He will be a great leader and we look forward to working with him in his efforts for our organization. Congratulations to Mark and welcome aboard.

Mark can be reached at 253-857-5123 or via mail at w7bbo@juno.com. Mark will be meeting with the current AEC's, Managers, etc. and I will share that contact information for you to use as soon as I get it. In the meantime, everyone who is currently in a position will continue in that position and remain the contact person.

Rich Heasty, KK7VH, is the Net Manager for Pierce County Amateur Radio Communications Services nets. He may be reached at 360-897-5676 or via mail at rheasty@wolfenet.net if you would like to volunteer to run a net.

Shirley Murphy, N7QHW, will manage membership applications and maintenance of the roster. Contact Shirley at 253-265-3661 or via email at sundancealso@harbornet.com with any questions or concerns relating to Department of Emergency Management Worker Identification Cards.

Special Events Manager will continue to be Judy La Fleur, N7NII, who can be reached via telephone at 253-847-5198 (you must leave a message and she or her representative will get back to you).

I would like to once again encourage everyone to get active in ARES/RACES and get behind our new leadership persons and give them your support.

Don't forget to check into the Pierce County Amateur Radio Communication Services net each Tuesday at 7 PM on the 146.640 MHz repeater until further notice.

We have a new web page address. It is http://piercecounty.tripod.com. Check it out and see what is happening. More information will be added as it is needed or becomes available. The net preamble is also available on the web page.

Phone Numbers:

Mark Yordy, W7BBO 253-857-5123

Rich Heasty, KK7VH 360-897-5676

Shirley Murphy, N7QHW 253-265-3661

Judy LaFleur, N7NII 253-847-5198

Thanks to all for your future support. 73 Shirley, N7QHW

FIRST CONTACT AWARD

Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First Contact Award will be issued.

September Contest Calendar

2nd-3rd: MI QRP Labor Day CW Sprint

7th-8th All Asian DX Contest, SSB; 7-8 IARU Region 1 Field Day, SSB

8th: North American Sprint, CW; DARC 10-Meter Digital Contest; QRP ARCI End of Summer PSK31 Sprint

11th-13th: YLRL Howdy Days

14th - 15th: WAE DX Contest, SSB

For more contest details, go to www.arrl.org

14th-16th: ARRL September VHF QSO Party

15th: North American Sprint, SSB 0000Z - 0400Z

15th-16th: Tennessee QSO Party 1800Z Sep 15 - 0100Z Sep 16

20th: AGB NEMIGA Contest 2100Z - 2300Z

21st-22nd: ARRL 10 GHz Cumulative Contest 0800 local - 2000 local Sep 21 and 0800 local - 2000 local Sep 22; SARL VHF/UHF Contest 1000Z Sep 21 - 1000Z Sep 22; Scandinavian Activity Contest, CW 1200Z Sep 21 - 1200Z Sep 22; Collegiate QSO Party 1200Z Sep 21 - 0400Z Sep 22

21st-22nd: Washington State Salmon Run 1600Z Sep 21 - 0700Z Sep 22 and 1600Z - 2400Z,

22nd: Panama Anniversary Contest 1200Z - 2359Z

23rd: Fall QRP Homebrewer Sprint 0000Z - 0400Z

28th-29th: CQ/RJ Worldwide DX Contest, RTTY 0000Z Sep 28 - 2400Z Sep 29; Scandinavian Activity Contest, SSB 1200Z Sep 28 - 1200Z Sep 29; Texas QSO Party 1400Z Sep 28 - 0200Z Sep 29 and 1400Z - 2000Z Sep 29; Louisiana QSO Party 1400Z Sep 28 - 0200Z Sep 29 and 1400Z - 2000Z Sep 29; Anatolian DX Contest 1600Z Sep 28 - 2400Z Sep 29

28th: Alabama QSO Party 1800Z - 2400Z

PINOCHLE & POTLUCK

See you September 14th!

For info call:

Jack, WA7ENB, & Marilyn Moore

253-759-4898

Other fall/winter gatherings on 1st Saturdays

Sunshine & Congrats

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please contact Jill Palmer, K7JIL, 253-539-7772 or e-mail hamtalker2@aol.com

repeat

Pacific NW Hamfests

Sept.14: Electronics Fleamarket, Radio Club of Tacoma. Frontier Park (Pierce County Fairgrounds) 21718 Meridian Ave. E., Graham, WA 98338. On site camping. http://www.w7dk.org/ For information, call Frank AC7JY at (253)539-1685. Email hamtalker@aol.com.

Sept. 28: Pacific NW VHF/UHF Conference. Bend, Oregon. Sponsored by the Pacific Northwest VHF Society. Visit their web page at: http://www.qsl.net/pnwvhfs/ . Contact: Lynn, N7CFO at n7cfo@ix.netcom.com of Jim, W7DHC at w7dhc@arrl.net

Sept. 28: Chehalis Valley ARS Hamfest. Chehalis, WA. Southwest Washington Fairgrounds, Centralia, WA. www.cvars.org

Sept. 29: Langley Amateur Radio Association Radio and Computer Swap Meet. Elks Hall 27309 Fraser Highway, Aldergrove, BC. Tables C$18.00. General Admission C$5.00 Sellers 0900 hrs. local, buyers 1000 hrs. The main door prize is a Garmin Etrex GPS1. (Plus others - you must be present to win). For more information, contact: Wayne (604)556-7810, ve7ckv@rac.ca or or Mike VE7AVM (604)534-6466 ve7avm@rac.ca. Packet ve7avm@ve7kit.#van.bc.can.noam. Visit the LARA WEB Site at www.langleyamateurradio.com.

UPCOMING PROGRAMS AT RCT

WEDNESDAY, SEPTEMBER 11TH - RCT PLANNING COMMITTEE REPORT

The RCT Long Range Planning Committee has been meeting for over a year and has completed several successful projects and has recommended others to the club's Board of Directors. The committee will take this opportunity to report on its activities and conduct a brainstorming session amongst members attending to determine the future needs and direction for the club. Ideas will be solicited on increasing the use of the clubhouse and the club's HF station. John, AC7LK, will be the moderator.

WEDNESDAY, SEPTEMBER 25TH - VP8THU, 2002 DXPEDITION TO SOUTH SANDWICH ISLANDS

Described by Captain James Cook as the most horrible place on Earth, the South Sandwich Islands are also one of the most logistically difficult places for a DXpedition. Using only 100 watts and verticals, this experienced team took on the South Atlantic's tough environmental challenge by heading to Southern Thule - the planet's most southerly piece of land outside the Antarctic Treaty Zone. Operating within the remains of an old Argentine base, (and amongst 10,000 penguins!) this video documents how a super-lightweight expedition set out to bring back the fun of old-time DXpeditions!

ARRL RCT VE Team Report by Shirley Murphy, N7QHW

August 2002 was a quiet month as far as testing goes. Four persons were tested during the VE testing session. Two upgraded their licenses, one achieved a new license and one was successful in his attempt to pass the requested test element.

Overall, there were four test elements given. Three elements were passed and one failed for a pass rate of 75%. There was one paper upgrade to General Class.

Achievements included one new Technician Class license and two upgrades to General class.

Thanks to the VE Team members who help make our testing sessions run so smoothly. It is very much appreciated and couldn't be done without you.

73, Shirley, N7QHW, Radio Club of Tacoma VE Team Liaison

KUDOS!

Amateur Radio License Instruction at RCT

The Radio Club of Tacoma will be holding a class for the No-Code Technician Amateur Radio License in one weekend: October 5 & 6, 2002. Course fee is $10, books are $19.

For upgrading your license, General and Amateur Extra Class courses are now signing up students for classes to begin in September and October. Minimum class size is six, maximum is ten. The General class will meet weekly for five evenings, the Amateur Extra class will meet weekly for eight evenings. Tuition is free. License manuals will be available - $15 for General, $25 for Extra.

Call Jerry, W7BUN, at 253-845-7652 to register for either of these classes.

RADIO CLUB OF TACOMA

General Membership Meeting July 10, 2002

Meeting opened at 1934 Hrs by Vice President Rich Manson, N7ANF. Flag Salute led by Rich. Introductions were made around the room.

Illness or Silent Key: Long time member, Marjorie, passed away in Spokane.

Correspondence: Newsletters, ads, membership letters.

Treasurer: In the Bark.

Special Happening: Jill, K7JIL, presented the Memory Book of Lou to Nora, KC7JME.

Announcements: John, AC7LK, is seeking volunteers to help work with the scouts.

Jerry, W7BUN, asked for pictures of the bonus events at Field Day.

Program: Mitch, K7TUT, and Tyler Gill, KD7MJO, talked on ways to get youth involved in Ham radio. They gave us some hints and suggestions.

Committee Reports: Flea Market, Frank, AC7JY, asked for a party to get the flyers ready for mailing.

Rich, N7ANF, reported on the overheating problem with the repeater.

Mac, W6NBD, reported on problems on all bands caused by the Northern Lights.

John, AC7LK, reported on some interference we are having on the repeater. It appears to be deliberate.

Training, reported by Jerry, W7BUN. New Technician class in the Fall.

Jill, K7JIL, asked for volunteers for the Western Washington Fair.

ARES: Keith, KD7KPZ, told of the upcoming strawberry festival and marathon on Vashon Island. This Sunday. Call Dana, KD7KPY, if interested in helping.

Hints and Kinks: Lynette Martek needs the software to do the Bark.

Good of the Order: Drawings. Door prize of a LED key chain won by Wade, WA7OHG. Special Red/Green repair kit, won by Ed, KC7OKS. 50/50 drawing of $35 was won by Tyler Gill.

Adjourned at 2050 Hrs. 40 people signed as in attendance.

RADIO CLUB OF TACOMA

General Membership Meeting, July 24, 2002

Mick, KK7QS, RCT President, opened the meeting at 7:30 PM. The Flag salute was led by Mick. Introductions were made around the room. There were 52 in attendance.

Illness or Silent Key: Wade, WA7OHG, had cataract surgery. He had a racing pulse and had to go see his cardiac specialist. Bud, K7BUD, had to have a cardiac stint put in. He is home now.

Correspondence: Newsletters, phone bills, utility bill, address corrections, bank statements, North Kitsap Amateur Radio Club October 12th Hamfest flyer.

Announcements: Jerry, W7BUN, ARRL is taking contest news and section reports out of the QST magazine. They will be on the ARRL web site. He also thanked all that helped on Field Day. He reported on upcoming programs.

August 14, Morse code tips, and August 28, Mike Compton on what a good ham radio tool kit should contain.

Program: Antique and historic radios. Several radios displayed were from Admiral Byrd's 1928 Antarctic expedition.

Announcements: Jill, K7JIL, requested help in putting address labels and tabs on the Flea Market flyers. We also still have open slots for the Hobby Hall booth at the Fair.

Mick, KK7QS, also stated that the Bark would start coming by e-mail.

Committee Reports:

Flea Market, Frank, AC7JY, reported that we have demos scheduled and some vendors registered.

Hints and Kinks: Rich, N7ANF, reported on an August 18th antique flea market in Shoreline.

Good of the Order: Door prize drawing, an indoor/outdoor electronic thermometer was won by Mick, KK7QS. 50/50 drawing for $42 was won by Max, W7AEA.

The meeting was adjourned at 9:05 PM.

Respectfully submitted, Ed Root, KC7OKS, Secretary

July, 2002 Board Meeting Minutes

President Mick Pier, KK7QS presiding. Nick, WA7IVO reported that a neighbor has interference from our 10 meter net. It was agreed that as good neighbors we should help. Nick requested and received a TVI budget of $200 to purchase filters to help solve interference problems.

Jill K7JIL reported that Roger Nace is doing better. The family of Will, W7BVH?, a Silent Key, has donated a lot of equipment to the club. Jill wants to be informed if anyone knew of someone who needs a pick-up.

Ed KC7OKS, will take care of sending the thank you letter to the Rifle and Revolver Club of Tacoma for the use of their facilities for Field Day.

Mick, KK7QS reported on progress on listing past Presidents.

Frank, AC7JY, reported on the need for tables for the Flea Market. Discussion was held on funding and expenses. Reported that 2 commercial tables have been sold.

Under Old Business, discussion on fixing up the clubhouse; Chuck, AC7QN, is the committee chair for this. The Board reviewed the proposed Equipment Form.

Discussion was held on the key policy and locks and the need for a handrail in the ladies' room.

Good Of The Order: Thanks to Angela, KC7EQ, for the coffee, cookies, and cherries.

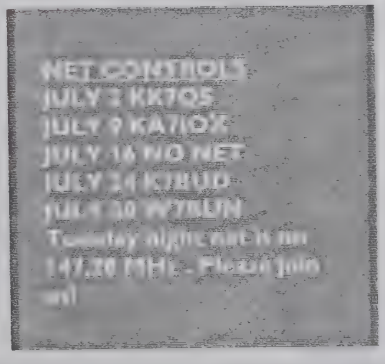
Others Present at the July Board Meeting were Morel, W6LIX; Roger, WA7ANJ ; George, KK7FM; and Worth, W7WG.

Visitors: Don, KF4OAZ; Al, K7HW; Angela, KC7EQ; and Dick, K7ITX. Board Meetings are held the first Wednesday each month at the clubhouse. All members are welcome to attend.

TUESDAY NIGHT NET JULY CHECK-INS

by call sign, number of check-ins, and name

WMBD	2 MAC	W7IMW	4 JACK	KB7QAG	4 JEFF	KC7VUM	3 LOU
WAEA	4 MAX	KA7IOX	3 SCOTT	KD7QBD	1 LUCAS	W7WG	3 WORTH
NANF	2 RICH	K7ITX	3 DICK	N7QHW	2 SHIRLEY	AB7WGR	1 PAT
K7BN	3 MARILYN	K7JIL	4 JILL	N7QHX	2 TOM	KC0GND	1 BOB
A7BU	1 AL	KC7JME	4 NORA	N7QOZ	3 BOB	VA7AA	1 RICHARD
KBUD	3 BUD	KC7JPJ	2 BRUCE	KK7QS	1 MICK	VE7AZS	1 RAY
WBUN	4 JERRY	AC7JY	4 FRANK	KK7QW	3 PETE	VE7GBO	1 TODD
K7CG	1 BILL	KC7KQ	1 RAY	KD7RNJ	1 RICK	VE7UY	1 GORDON
KCNR	1 ERNIE	NN7L	1 JASON	K7ROL	2 CAROL		
WDON	3 DON	AC7LK	3 JOHN	W7RW	3 ANDY		
NEAY	2 ALAN	KD7NUV	4 MICKEY	KD7RWT	1 GINO		
WEC	3 HAL	WA7OHG	4 WADE	KB7SVX	4 JEAN		
K7EQ	3 ANGELA	KD7OYY	2 PAT	KC7SYW	1 MARY		
K7GUK	1 CARRIE	KD7PAU	3 JOE	AB7TW	2 BOB		
NICW	2 CHUCK	K7PZF	1 JOHN	N7UFB	1 RICK		



Moving the Crank-Up Tower by Mick, KK7QS

Alan Hughes, KB7SVU and I, KK7QS, with the help of my son Ray and his brother-in law Jim, finished moving the crank up tower that was donated to the club. The tower and antennas were donated to the Radio Club by the wife of late club member Mac, W7FAB.

Lowering and moving the tower was quite a challenge. The length of the tower with all the sections cranked down is 22 feet. I am told that it weighs about 800 pounds. It was still guyed by straight solid bar rods with turnbuckles. We had to remove the guying poles and lower the tower.

There we were, just four people tipping over an 800-pound tower - WOW! We had a gin pole and a block and tackle. We took off the guys and the third leg bolt. We rigged the block and tackle to the gin pole and loosened the two other anchor bolts. We had long ropes tied to the top of the tower and Ray and Jim started to pull the tower over while I held the rope on the block and tackle. I was able to easily hold it back till it hit about 45 degrees. At that point I had to call for help holding it back. Ray and Jim dropped the pull over ropes and rushed to help me hold the tower back.

Much to our surprise it went down very smoothly. Once on the ground we had to figure a way to move it about 50 feet and turn it 90 degrees. Then we had to move it another 50 feet and load it on Alan's large flatbed trailer. Remember this thing weighs about 800 pounds.

Alan brought out four pieces of four inch heavy PVC pipe each about four feet long. We were able to lift the end of the tower high enough get two or three lengths under it. We were quite surprised how easi we were able to maneuver the tow around with the aid of the pipe.

The last 50 feet was even up hill. We got the tower to the trailer wi relativity little effort. It was easy load as the tail end of the tower n hung over a slight embankment. just put weight on the tail end an rolled it right onto the trailer.

We were really worried about goi over there with only four of us. A turned out it worked out very wel The tower is now along side of th clubhouse, until the Board decide what to do with it. It needs a bit repair, but I think it will still ma a good tower.

Repeater Etiquette

continued from Page 5

hear a station testing, don't respond.

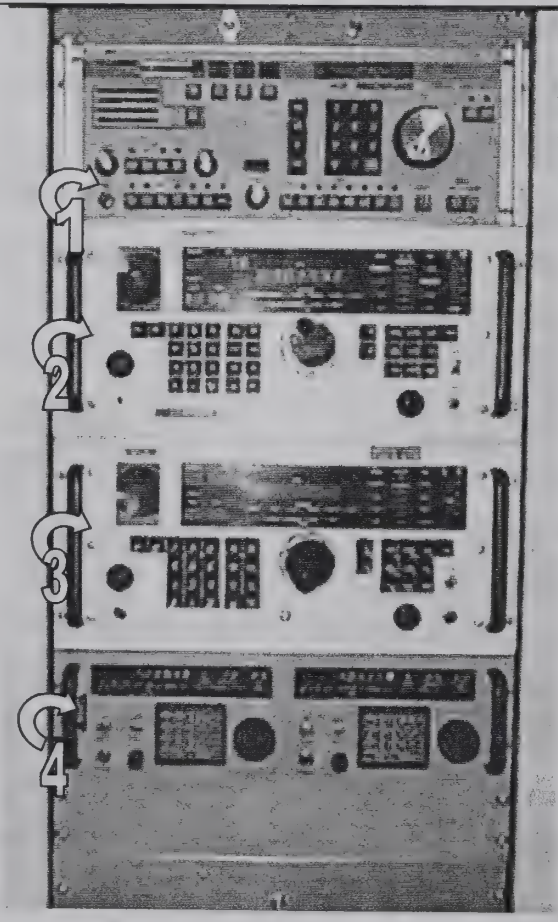
13. One-way transmission is prohibited by law. Do not talk to someone who is not responding to your call. Never make a call without the intent to initiate a qso.

14. Make liberal use of the RTL (release to listen) button on your mike. It's OK not to talk when you have nothing to say.

73 John AC7LK

Thanks Kathleen for all the years of editing the BARK! We all wish you & Roger the very best!!!!

RCT



Mystery Radio: Can You Nam Any?

What you see to the left is rack at the home of Gary, W7DO. Can you identify any of these receivers? Clue: Gary's wife has bee told that they are somewh rare.

Send your answers by 9/24 to:

Lynnette Martek KD7BVO via email at:

lmartek@cs.com

Or call 253-826-0184

Winner will be announced in next month's BARK.

Have a picture of "mystery equipment"? Send it to Lynnette.

TREASURER'S REPORT

JULY 2002

NCOME	
BADGE SALES	$27.00
BOOK SALES	26.00
FIELDDAY	16.33
DUES	285.00
TOTAL:	$354.33
EXPENSES	
BADGE COST	$60.93
EQUIPMENT	21.65
EVENTS	30.42
MISCELLANEOUS	91.72
POSTAGE	37.00
TELEPHONE	66.72
UTILITIES	267.50
TOTAL	$575.94
NET:	**- $221.61**

EDITORIAL Remembering September 11, 2001

By Lynnette KD7BVO

You may remember the article in the November 2001 QST entitled "*9/11/01: This is NOT a Test*" by Rick Lindquist N1RL and Diane Ortez K2DO. The article reviews the work done by amateur radio operators on September 11 and in the days following. "It seemed on Tuesday that the entire nation's amateur corps were there supporting the endeavor," said National SATURN Director Major Pat McPherson, WW9E. "It speaks to the spirit and 'can do' reflex of all those dedicating their time and resources to help. It also speaks to the patriotism of amateurs in our nation."

Most of us watched last year's September 11 events on TV as they unfolded. "Business as usual" took a back seat for almost everyone whether they were at home or at work or on the radio.

My other job in radio is as Net Coordinator for a worked-all-states net that convenes at 0400Z. That night, we were not near any of the designated emergency frequencies and took check-ins from around the country to use the net to relay messages from anyone needing help. In one instance, our "training" in the fine art of getting numbers out of the noise came in handy when a station in "the wilderness" needed us to relay a message to his wife in Wyoming. As a group, we were able to complete several requests within minutes of when we heard the call.

My own Sept. 11th story is unremarkable compared to those from the Northeast U.S. For those of you who kept your radios on and stood by ready to help, you know you were doing what ham radio operators do best; it was a way to give back something important to our hobby. Last September's efforts, whether large or small, showed our collective amateur radio heart is big and our reach is unlimited.

God Bless America as we remember back to that tragic day.

RCT ELECTRONICS FLEA MARKET IS SEPT. 4: BE THERE!

Our annual Electronics Fleamarket will be at Frontier Park (Pierce County Fairgrounds) 21718 Meridian Ave. E., Graham, WA 98338. If you'd like to camp, there is on site camping. Visit our club web page at http://www.w7dk.org/ or call Frank AC7JY at (253)539-1685. or send Email hamtalker@aol.com.

If you haven't attended this club-sponsored event, be sure to come out this year and support the club.

Bring the family - a snack bar is available and the park setting is lovely. For those who want to take license exams, VE testing will be held in the morning. See the web page for details or call Frank at 253-539-1685 for information.

Come early and bring your friends!

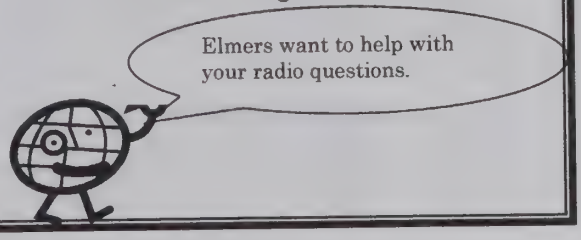
ELMER BOARD

Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members' areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment
12. IRLP

Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Frank, AB7YZ	253-752-8520	2,3
Roger, WA7ANJ	253-475-4293	1,2,3,4,7,8,11
Angela, KC7EQ		2
John, AC7LK	253-984-6709	12
Mick, KK7QS	253-847-8223	12

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the board!



Charitable Donations to the Radio Club of Tacoma

SPECIAL REPORT
BY JOHN, AC7LK

We are reminded repeatedly that the Radio Club of Tacoma is a 501(c)(3) Non-Profit Corporation of the State of Washington. Perhaps we do not all understand what that means. 501(c)(3) refers to a section of the Internal Revenue Code that provides for deductibility of gifts to charitable organizations. The rule is that individuals giving to 501(c)(3) organizations may deduct contributions if the individual itemizes on his tax return. Currently, non-itemizers are not permitted to deduct charitable donations, however, there are two Bills before the U. S. Congress that may change that rule.
Property donated to a 501(c)(3) organization may be deducted at its fair market value at the time of the contribution.

There are rules about records that must be kept to support the tax deduction. A contribution of less than $250.00 in cash to requires a canceled check or a financial account statement, a receipt or a written record showing the name of the organization and the amount and date of the contribution.

If cash contributions are more than $250.00, the law requires that the taxpayer receive a written receipt from the organization, which must include the amount given and whether or not the taxpayer received anything of value in exchange for the contribution. If property is donated rather than cash, there are several different rules.

1. Less than $250.00: If a taxpayer claims a deduction for than less than $250.00, each contribution must be supported by a statement clearly showing the name of the organization, the date of donation, the location of the property, and a reasonably detailed description of the property. A receipt is not required but is a good idea.
2. Between $250.00 and $500.00: The taxpayer must obtain a written acknowledgment of the value of the contribution. This statement must include an indication as to whether or not the organization delivered any goods or services to the donor as a result of the contribution and a description and good faith estimate of the value of those goods and services. This is in addition to the receipt from the taxpayers own written records.
3. Over $500.00: For a taxpayer to claim a deduction of more than $500.00 for donated items, the taxpayer must keep written records, a receipt and the written acknowledgment described previously. The written records must include additional information, such as how the taxpayer received the property, the date the taxpayer received the property and the cost-basis for the property. A gift at this level also requires the filing of Form 8283.
4. Over $5,000.00: In addition to records required for contributions under $5,000.00, the taxpayer must obtain a written appraisal to substantiate the amount of the charitable contribution claimed.

All tax deductions claimed as a result of contributions are to be claimed in the year they are donated.

Cars are popular items to be contributed to 501(c)(3) groups. Instead of going through the hassle of trying to sell a car, it can be donated and guarantee a cash advantage - a tax deduction.

A donated car creates a tax deduction for the fair market value of the car. The Internal Revenue Service defines fair market value as the price that the car would bring in an arms-length transaction between a willing buyer and a willing seller if neither was forced to buy or sell. A photograph of the car, a statement of its condition, and a page clipped from classified advertisements of local newspapers clearly support a value claimed for a donated car. If the value of the car exceeds $5,000.00 an appraisal is necessary.
A taxpayer can obtain even greater benefit from the rules described in this article by donating appreciated stock.

Even though the stock market is currently low, that is not going to be a permanent situation and many people own, or will own, stock that has appreciated in value from the date is was purchased by the taxpayer.

A publicly traded stock that has gone up in value, yields a tax deduction for the full value of the stock on the date of the transfer and the taxpayer making the deduction thereby avoids any liability for a capital gains tax. As an example, a stock that was purchased for $5,000.00, but has appreciated to $15,000.00, will get a $15,000.00 deduction on a tax return and yield the taxpayer no liability for capital gains.

The corollary of this rule is that stock that has depreciated in value should never be given to a charity. Instead, it should be sold so that the taxpayer can take the loss on his tax return and donate the cash yielded by the sale to the charity.

Our club is regularly receiving donated radio equipment, which is either put to use or sold with the proceeds used to support the club. This, of course, is valuable to the club, and continued support of the club in this fashion is important to the club's overall financial health.

The purpose of this article is to advise members of the full implications of a 501(c)(3) tax exempt status so that we can encourage people to donate other items. Any marketable item of property can be received by the club to the financial benefit of the donor and then sold by the club and the cash put to good use.

News from the ARRL

de Jerry, W7BUN ~~Gleaned from ARRL sources on the Internet~~

FCC SPELLS OUT UTILITY'S OBLIGATIONS IN INTERFERENCE CASES

Electric utilities must correct equipment problems that cause harmful interference to stations operating in the Amateur Service. Following up on a recent pledge to get tougher on electric utilities that fail to promptly fix faulty gear that generates interference, FCC Special Counsel Riley Hollingsworth made that point doubly clear August 9 in an letter to Reliant Energy Company of Houston. The case involves unresolved interference complaints from Edward J. Gerber, W5GCX, of Houston.

"Reliant must do all things necessary, and bear any and all necessary costs, to comply with its obligations as an operator of unlicensed devices pursuant to the Commission's Part 15 regulations," Hollingsworth reminded the utility's attorneys. He asked Reliant to provide a written report in 30 days detailing steps taken to eliminate the interference to W5GCX. Hollingsworth said he'd hold off on enforcement action until he has the report in hand but added that the FCC "expects a complete solution without further delay."



RILEY HOLLINGSWORTH

In its reply to a May 23 letter from the FCC, Reliant had suggested that the interference Gerber was experiencing had come from an otherwise properly operating 250 kVA step-down transformer. The utility had proposed to relocate the transformer at Gerber's expense.

Hollingsworth pointed out that the utility may not pass on the cost of fixing the problem to the victim of the interference. "It is exclusively the obligation of the operator of the unlicensed device," Hollingsworth wrote, referring to the FCC's Part 15 rules.

Responding to the initial FCC letter, the utility's attorneys--Baker Botts LLP of Houston--had attempted to claim it was not obligated to avoid interference to amateur stations. Hollingsworth called the attempted distinction "baseless."

A copy of the letter went to the office of Texas Public Utility Commission Chairman Rebecca Klein.

The League has worked with the FCC and utilities to resolve dozens of interference complaints. ARRL Electromagnetic Compatibility and Radio Frequency Interference Engineer John Phillips, K2QAI, applauded Hollingsworth's tenacious approach to dealing with interference complaints involving power companies. "Amateur Radio is very fortunate to have someone like Riley Hollingsworth in our corner," he said. "There is no way that amateurs could ever hope to resolve some of these problems without the backing of the FCC."

PENDING CITEL RESOLUTION IS A STEP TOWARD GLOBAL HAM TICKET

Ham radio has moved another step closer to an internationally recognized license. Delegates to the Third Regular Assembly of the Inter-American Telecommunication Commission (CITEL) this month approved a resolution that would extend reciprocal recognition of the International Amateur Radio Permit (IARP) Convention to member states of the European Conference of Postal and Telecommunications Administrations (CEPT).

The resolution includes as a goal "to promote the development of a global Radio Amateur Permit working with other regional organizations within the framework of the International Telecommunication Union."

ARRL Technical Relations Specialist Jon Siverling, WB3ERA, attended the CITEL Assembly August 12-16 in Washington, DC, as a member of the US delegation. "In an ideal world, we'll one day have an international Amateur Radio permit that's like an international driver's license--good around the world," Siverling said. He conceded that CITEL-CEPT reciprocity will not benefit US amateurs, however. Only licensees elsewhere in the Americas would be affected, since US licensees already enjoy automatic or nearly automatic reciprocal licensing in many countries throughout Europe and the Americas.

Since the resolution requires modification of an existing agreement, the next step is approval by the Organization of American States General Assembly, which meets next June, Siverling explained.

The resolution builds on existing CITEL and CEPT arrangements. A CITEL convention already provides for temporary amateur station operations in one member state by individuals holding an IARP and licensed by another member state "without further review."

A similar CEPT mutual-recognition arrangement in many European signatory countries--Recommendation T/R 61-01--makes possible operation by amateurs from CEPT countries during short visits to other CEPT member countries or to non-CEPT participating countries--including the US--without having to obtain a temporary license.

Among other things, the CITEL proposal, called Resolution 32, would encourage CITEL member states to adhere to the IARP convention. It further calls upon those member states to approve the draft protocol to the IARP convention to extend to CEPT license holders from countries that have implemented CEPT Recommendation T/R61-01 the same privileges IARP holders enjoy.

International Amateur Radio Union Region 2 President Pedro Seideman, YV5BPG, represented the IARU at the CITEL assembly.

PROPOSAL FILED TO ALLOW EUROPEAN/UK FRS-TYPE RADIOS ON 70 CM

An amateur from Virginia has petitioned the FCC to allocate eight channels in the 70-cm band for use by visitors from Europe and the United Kingdom with Personal Mobile Radio (PMR 446) transceivers. The recently authorized PMR 446 is similar to the US Family Radio Service. Dr Michael Trahos, KB4PGC, a physician from Alexandria, filed the petition last January, saying it would help to promote international goodwill. The FCC on August 8 designated the petition as RM-10521 and invited comments on the proposal within 30 days.

A General-class licensee, Trahos wants the FCC to amend its Amateur Service "and/or" Family Radio Service rules to allow "visiting/transient/tourist non-amateur non-United States resident foreign nationals" unlicensed access to certain frequencies between 446.0 and 446.1 MHz. He proposed to permit operation at up to 0.5 W PEP output. The ARRL band plan for 70 cm designates 446.0 MHz as a national calling channel. Other frequencies in the segment are for simplex or repeater use.

In his petition, Trahos said existing Part 97 Amateur Service rules precluding the use of PMR 446 radios in the US "are essentially unenforceable" and that granting his petition would have minimal impact on existing amateur operations. "As such, Amateur Radio community oppositions to this petition, though respected, would be misplaced and not in the international public interest or good will," he asserted.

As of August 15, two comments had been filed on RM-10521 by amateur licensees. Both opposed Trahos' petition, citing the potential for interference to amateur operations.

Comments on RM-10521 are due by September 6 and may be filed via the FCC's Electronic Comment Filing System (ECFS) <http://www.fcc.gov/e-file/ecfs.html>. To view the Trahos petition and filed comments, click on "Search for Filed Comments." To file comments, click on "Submit a Filing." Enter "RM-10521" (the ECFS is case-sensitive) in the "Proceeding" field of either form.

JAPAN REFUSES PERMISSION FOR POWER LINE COMMUNICATIONS SYSTEMS

As a result of strong opposition from the Japan Amateur Radio League (JARL), Japan's government says it's too soon to allow power line communications--variously called PLC or PLT--between 2 MHz and 30 MHz, due to its interference potential to other HF users. JARL had expressed deep concerns about PLC to the Ministry of Public Management, Home Affairs, Posts and Telecommunications earlier this year. Field tests last January looked into the potential for RF leakage from power lines--specifically in cases where PLT was used to provide Internet access to homes via power lines. "JARL is glad that the Ministry's study group on PLC concluded that it is not suitable to allow PLC between 2 MHz and 30 MHz," said JARL President Shozo Hara, JA1AN. "However, we need to keep in mind that the future course of environmental demonstrative tests, their direction and international standards planning need to be watched very carefully." JARL Director Masao Matsumoto, JA1AYC, is in Germany to research the PLC situation in Europe. Meanwhile, the Radio Society of Great Britain reports that it's continuing to press for tight limits on emissions from wired telecommunications systems such as PLC and is working with other HF users to try to ensure that the spectrum remains uncontaminated by wideband noise. The JARL's Web site has more information <http://www.jarl.or.jp/English/4_Library/A-4-1_News/jn0208.htm>

NCVEC ENDORSES TRIAL OF AMATEUR TESTING VIA VIDEOCONFERENCING

The National Conference of Volunteer Examiner Coordinators has endorsed experimental use of videoconferencing technology to conduct Amateur Radio testing in remote areas of Alaska. Meeting July 26 in Gettysburg, Pennsylvania, the NCVEC voted 6-3 with two abstentio to back a one-year trial run to be conducted by the Anchorage Volunteer Examiner Coordinator.

Jim Wiley, KL7CC, of the Anchorage VEC told

his VEC colleagues that it's very expensive to provide Amateur Radio test sessions to the thousands of Alaska residents who live in remote areas. The vote followed discussion on whether having a VE team remotely monitor a test session while an unlicensed individual proctored the exams on site would comply with FCC Part 97 rules. Section 97.509(c) calls for three VEs to be "present and observing" the examinees.

"It was a classic 'how to do something' discussion," the FCC's Bill Cross, W3TN, of the Wireless Telecommunications Bureau, told ARRL. Cross was among several FCC staff members attending the annual gathering. "I told them that the VEC and the VEs are responsible for the proper conduct of the exams and that no rule changes appeared to be necessary because the rules do not address the 'how to' of exam administration." Cross said VECs already have authority under Part 97 rules to determine the manner in which their VE teams conduct examination sessions.

Cross emphasized no VECs would be required to coordinate exam sessions using a testing method they were not comfortable with. He said the conference seemed willing to allow the Anchorage VEC to conduct a trial of the program, once it's described in greater detail.

Wiley said he believes ham radio tests can be administered using videoconferencing technology without compromising exam integrity while maintaining "the same level of confidence in the testing process" that now exists. He agreed to provide progress reports to the NCVEC on the videoconferencing trial.

ARRL VEC Manager Bart Jahnke, W9JJ, said he abstained from voting because he did not believe a vote was necessary, since the FCC's Cross had indicated that the concept could be applied under existing rules.

In other business, the NCVEC gathering turned back a proposal to bring back multiple-choice format Morse code examinations. The vote was 9-2. The NCVEC also decided unanimously to create a Web site over the next few months to post news, question pools and other exam-related information.

John Creel, WB3GXW, of the Laurel Amateur Radio Club VEC in Maryland chaired the NCVEC conference.

The End of the Line for Radio Amateur Callbook CD-ROM

Radio Amateur Callbook is throwing in the towel and will cease publication of its CD-ROM Callbook product effective with its winter 2003 edition, which will come out in November. "Due to accessibility to the FCC database via the Internet, sales have declined to levels that make it unprofitable to publish future editions," publisher Bob Hughes announced in a recent news release. In 1997, citing "rising costs and increasing demand for electronic publishing" the company phased out its telephone-book-size paper North American and international editions in favor of its CD-ROM product. The 1997 Callbook--the 75th edition--was the last hard-copy version available.

The Callbook began publishing in 1920.

ARRL Technical Relations Office Continues Busy Schedule

Members of the ARRL Technical Relations Office staff have attended numerous meetings in preparation for the International Telecommunication Union (ITU) Conference Preparatory Meeting (CPM), the ITU Plenipotentiary Conference, studies related to World Radiocommunication Conference 2003 (WRC-03) and the Inter-American Telecommunication Commission (CITEL--Comisión Interamericana de Telecomunicaciones).

ARRL Technical Specialist Jon Siverling, WB3ERA, attended meetings in Fortaleza, Brazil, where he chaired the CITEL group developing input to Chapter 5 of the CPM Report (containing Amateur Radio and other items). ARRL Technical Specialist Walt Ireland, WB7CSL, worked with ITT Industries on simulation of amateur systems and synthetic aperture radars (SARs).

Initial results showed that some sharing may be possible between Amateur Radio and SARs, but not with the higher power SARs.

The Technical Relations Office continues to study the characteristics of proposed radio local area networks (RLANs) and their interaction with amateur systems in the vicinity of 5.8 GHz.

ARRL Technical Relations Manager Paul Rinaldo, W4RI, was in Geneva, Switzerland, for two weeks as a member of the US delegation to the ITU Special Committee on Regulatory and Procedural Matters related to WRC-03.

JOIN THE EXCITING WORLD OF HAM RADIO!

CLASS

FOR

NO-CODE TECHNICIAN AMATEUR RADIO LICENSE

IN ONE WEEKEND

Saturday, October 5, 2002

And

Sunday, October 6, 2002

Sponsored by:

The Radio Club of Tacoma
1249 South Washington Street
Tacoma

To Register, Call

Jerry Seligman - 253-845-7652

Course Fee - $10 (For Handouts and Refreshments)
Books are available for $19
Examinations - Tuesday, October 8 - 7 PM - $10.00 Fee

OCT 1
2002

HE LOGGER'S BARK
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COMING EVENTS

OCT 2 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

OCT 8 - License Testing - 7 PM, Clubhouse

CT 9 - Club Meeting - AT THE CLUBHOUSE, 7:30 PM

Program: "Eyeball QSO Night at the Clubhouse" (*details pg 8*)

OCT 5 - Pinochle Potluck

***OCT 20** - BARK deadline*

CT 23 - Club Meeting - Library Administration Center, 7:30 PM

Program: Tiger Mountain Broadcast Facility (*details pg 8*)

IMPORTANT:

Please note

October 9th meeting will be at the club house.

1249 South Washington Street, Tacoma

- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- *Check in on the 10 Meter Net every Sunday evening, 8 PM, on 28.375 MHz USB*
- See page 3 for meeting program schedule. Check the weekly net for updates to the program schedule.
- YLs - Check in to the YL Net on the 147.28 repeater every Monday at 8 PM.

Radio Club of Tacoma (W7DK) Monthly Events

October 2002

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 BILL WATSON 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	2 7:30 PM RCT BOARD MTG	3 BILL ALLEN KD7ENB * FRANK EMIGH W7YDS *	4	5 Open House 10:00 AM - 2:00 PM
6	7 GEOFF HOWELL KD7QBC * CHARLES BAHR N7ICW * Week 40	8 7:00 PM RCT LICENSE EXAMS 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	9 19:30 General Membership Meeting	10	11 DEL CHASE KB7PKI *	12 Open House 10:00 AM - 2:00 PM
13 HERB WESTON KC7BAA *	14 Columbus Day JESSICA PALMER KC7ZWM * MILTON LOFLIN KD7GUD * DEL KOHLER W7JG * ETHEL DEVISH W7WLX * Week 41	15 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	16	17 SUSAN BALDWIN KC7AVS * THOMAS SADLER KC7UFX	18 JILL PALMER K7JIL *	19 BOY SCOUTS JOTA BRUCE VAN HOUTEN K7RED Open House 10:00 AM - 2:00 PM
20 HARVEY BISHOP W7RMI *	21 GAIL WOLVIN KB7UON * Week 42	22 DAWN PIER KC7VZM * CHARLES HICKS WY7V * 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	23	24 JEAN TRELOAR KB7SVX * KERMIT THOMPSON W7PMR *	25 CLIFFORD ROSS KC7CLV *	26 Club Informal Flea Market BILL WAESCHE KE7CG * Open House 10:00 AM - 2:00 PM
27 Daylight Saving Time ends	28 MONTE SIMPSON W7MLS * Week 43	29 ROGER TERWILLIGER WA7ANJ * 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	30	31 Halloween		

radio club of tacoma W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

ARRL RADIO CLUB OF TACOMA W7DK

VOL. XXXIX NR. 10 W7DK OCTOBER 2002

FROM THE PRESIDENT,

Mick KK7QS

Well here we are and summer is winding down We did very well at the flea market this year. It turned out to be much better than the one last year. I haven't received all the reports yet, but we made a little over $300.00 profit at the food booth. This is the best year we have had for food sales since my wife Dawn, KC7VZM, and I have been running it for the last 4 years.

I heard similar reports coming from all the other departments. We will wait for a final report from Frank, AC7JY, the committee chairperson. I think it will be a good one. Thanks to everyone for all the help.

We have been making some progress with improvements for the club. We are trying to get back on track and provide you, the members, with more benefits and activities. As you already know, we are in the process of upgrading the club's stations and antennas. As soon as that is completed we will begin to install some new stations.

It is our intent to provide interesting and fun activities for new members as well as old timers. I am in the process of forming committees to handle most of our concerns.

With the addition of the IRLP to our .28 repeater, there is a need to have qualified control operators on the frequency at all times. If there is a major malfunction we need someone that can take care of it immediately. Not to worry. This is one of the committees we have just named. It is called "The Repeater Control-0p Committee". Its function is to monitor the repeater and to answer any questions users may have about the repeater and its functions.

The control operators also have the ability to remotely shut down the repeater or its functions. They have the responsibility to see that the repeater is used in accordance with FCC rules, and good repeater operating guidelines. They are there to help, not to play policemen. But be warned, if you abuse your privileges on the repeater you will hear from one of us. The committee's members are myself, KK7QS, John,

Continued on Page 5

Events and News Brief

- Flea Market food booth has record sales. Details in "From the President" on this page.
- October 9 club meeting is at the clubhouse. The library building isn't available. See Upcoming programs at RCT, page 8.
- 40 check in to Tuesday night net See page 9.
- IAW 1923 qsl card brings big bucks. Story on page 16

Special Report: "What is a Band Plan? Sharing the Road with Other Amateurs" by Ray, AC7KQ page 5

Inside this issue:

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Do You Remember This? (Article from a 1985 BARK)

CLUB HISTORY

"For those of you who might have been at Field Day, you perhaps noticed the latest in a long series of antenna experiments designed to try to get a signal east of the Mississippi River during the FD pileups. Past efforts have included verticals, phased verticals, curtains (accidentally cut for 40) and other exotic trickery. None of which did doodly squat.

This year, thanks to an idea hatched by Dick, WB7RAT, we finally made it go. His idea was the use of a Delta Loop configuration, with its base about 100 ft. in the air, and supported by Helium balloons. Diligent search of available literature produced the dimensions set forth in the diagram, but nowhere is there any data on the effect of having the base of the loop above ground. Application of a dollop of Dutch Windage formulae indicated that about 1/2 wave above ground would be a start-

Continued on Page 10

RADIO CLUB OF TACOMA – 2002

PRESIDENT	MICK PIER	KK7QS	847-8223
V PRESIDENT	RICH MANSON	N7ANF	474-8883
SECRETARY	ED ROOT	KC7OKS	851-7463
TREASURER	ROGER TERWILLIGER	WA7ANJ	475-4293
BOARD (5)	WORTH GURLEY	W7WG	582-3844
	MOREL GUYOT	W6LIX	838-5433
	GEORGE NOBLE	KK7FM	756-1127
	FRANK PALMER	AC7JY	539-7772
	JILL PALMER	K7JIL	539-7772

LOGGER'S BARK STAFF

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	DICK RYAN	W7RGD	627-0922
	JERRY SELIGMAN	W7BUN	845-7652
THIS MONTH'S FEATURE(S) BY		RAY, AC7KQ	
PHOTOGRAPHER			
COMPOSITOR	LYNNETTE MARTEK	KD7BVO	826-0184
PUBLISHER	W7DK PRESS	N7QHW	265-3661



W7DK/Radio Club of Tacoma

147.28 / .88 MHz

144.97 - Packet

147.38 / .98 MHz (PL 103.5)

440.625 / 445.625 (PL 103.5)

CLUB MEETINGS: 7:30 PM

Second & Fourth Wednesdays of each month

Pierce County Library

District Center

3005 - 112th Street East, Tacoma, WA 98446

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 253-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to lmartek@cs.com or mail to Lynnette Martek, KD7BVO, 308 118th Ave. Ct. E., Edgewood, WA 98372. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. *The Logger's Bark* does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in *The Logger's Bark* if credit line is included in the report.

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

MEMBERSHIP MINUTES de Scott NF7Y

t's getting to be that time again. Soon we will begin our membership renewal for the year 2003. Getting all this information together takes a bit of time and there is just one thing you can do to make it easier for us.

As you prepare to send in your club dues please be sure to include a completed membership form. This form is used to track all your membership information and is also used to ensure that you receive a Bark. If your membership information is not current we can't get all the club news to you in a timely fashion.

Here are some important pointers for completing the form.

1. Make sure it is legible. If it's too hard to read I can't guarantee the information to be correct.
2. Complete the entire form. The club uses this to track your interests as well as personal information and address/emails for mailings or messages.
3. Feel free to add any comments you feel necessary to the application. For example, if you spend part of the year in Arizona, we need your address there.

The club membership application is a valuable tool and I'm going to be a stickler for everyone completing one. You can download the form from the club website or pick them up at the clubhouse.

If you have any questions feel free to contact me at shebang@qwest.net or at 253-925-8637. Please put W7DK at the beginning of the subject line of your message. This greatly helps me sort email.

73, Scott NF7Y

NEW MEMBERS

Douglas Oakman, **KD7SGR,** RCT 2141
8720 St. So., Tacoma,WA 98444
253-537-2376 Email oakmande@plu.edu

Paula Cather, **AB7ME**, RCT 2142
12112 95th Ave Ct E., Graham, WA 98338-8564
253-846-7053 or pcather@worldnet.att.net

Dave Funk, **WA7RSO**, RCT 2143
11820 103rd Ave Ct E., Puyallup, WA 98374

Mike Wingren, **KD7QBF**, RCT 2144
1003 Sandy Point West, Gig Harbor, WA 98329
253-884-4885

Patrick Sullivan, **KD7OYY**, RCT 2145
938 N. Pearl St, Apt E11, Tacoma, WA 98406
253-230-1821 or Email: pat9936@msn.com

Eric Mallek, **KJ7XJ**, RCT 2146
715 East 58th St., Tacoma, WA 98404-1220
253-475-0249 Email: evmallek@aol.com

Robert Lee, **KD7OPO**, RCT 2147
1808 16th Ave., Milton,WA 98354
253-926-3034 Email kd7opo@arrl.net

Michael Delaney, **KD7NUV**, RCT 2148
2717 S. 15th St., Tacoma, WA 98367
360-874-9360 or mrowe@nventure.com

Phillip Paillette, **KC7JPJ**, RCT 2149
8307 116th St E., Tacoma, WA 98373
253-840-3538 Email bevpa@gte.net

Stephen Baranowski, **N1SB**, RCT 2150
3530 71st Avenue W.,
University Place, WA 98466-5144
253-564-3069 Emailn1sb@attbi.com

Joe Scott, **N2IKD**, RCT 2151
5453 Steilacoom Blvd SW, Apt 51
Lakewood, WA 98499 253-583-9457
Email josescot@suffolk.lib.ny.us

MEMBERSHIP REINSTATEMENTS:

none this month

EMAIL ADDRESS CHANGES/ ADDITIONS/NEW CALLS/ UPGRADES

Doug Oakman is now KD7SQR, previously no call.

ADDRESS/PHONE CHANGES/CORRECTIONS

Alan Ferguson N7OMS (Change of address)
4508 64th Ave W
University Place, WA 98466
Phone 253-460-5569 Email n7mos@msn.com

Herman (Pete) Jones
1221 298th St E
Roy, WA 98580-9580

From the President

Continued from Page 2

AC7LK, Mike, KB7ZDR, and Bud, K7BUD. Feel free to contact any of us with questions.

Mike, WB7DFQ, is still our Repeater Committee chairman and we will be working directly with him as a sub committee. I am in the process of listing and filling other committees and their members. As soon as these are formed they will be available to you.

I hope you are having fun with ham radio. If you have any ideas to help improve our club, please let us know.

Attend the meetings and let your voice be heard.

73, de Mick KK7QS.

The Radio Club of Tacoma
Established 1916
ARRL
RADIO CLUB OF TACOMA
W7DK
1249 S. Washington St.
Tacoma WA 98405
(253)759-2040
A Tax Exempt Public Corporation of the State of Washington

OPERATING TIP OF THE MONTH

FCC rules require that you only have to give your call sign to identify. It is not necessary to say the other station's call sign. You must identify your call sign every ten minutes or when signing off from a QSO. The only time you say the other station's call sign is when you are initially calling a station. Following these procedures saves a lot of useless on the air talking.

What is a Band Plan? Sharing the Road with other Amateurs

Learning

Recently I have heard some conversation regarding activities on the 2-meter band causing concern for some amateurs on the proper use of the frequencies. I immediately perked up at this as I've been frustrated lately myself over the long conversations and tying up of frequencies and repeaters.

Let me begin by attempting to draw a picture so we can get a better understanding of why there seems to be a concern and a need for attention. Let's say you are driving down a country road with no line down the middle. A car is approaching from the other direction. You begin to feel a little uneasy because it is approaching on your side of the road. Who said it is on your side of the road? There is no line down the middle; this is a country road. You know what to do though, you move to the right and you pass each other with no problem. You could say that was a "plan." That is what you were taught to do; how to share the road.

Amateur Radio also has a plan. The FCC stipulates the frequencies and modes of operation in the Amateur service. Amateurs have then further designated frequencies or segments of frequencies for certain uses to provide everyone with the most practical and efficient use of those frequencies. The "plan" lets us know what side of the road to stay on - what frequencies to use for what purpose.

Here's an example on the 2-meter band: According to the "Band Plan" as determined by the ARRL, 144.8 to 146.00 is designated as "satellite use only." Why? Just imagine trying to work a weak satellite signal with a local FM voice conversation going on!

The Band Plan designates a suggested break down of frequencies in each band to use for repeaters, simplex operations, data, SSB, AM, FM, beacons and much more. Wow, now how do we get cars, bicycles and joggers to use the same road? Also noted are "Calling Frequencies" for all the higher bands, 10 meters on up.

> National Simplex Calling Frequency Is **146.520**

You might be wondering "What are calling frequencies?" These are designated frequencies that may be monitored for possible contacts. Example, if you were mobile in an unknown area and needed to make a contact (an emergency?). What frequency would you go to on your 2-meter mobile? The answer is the "national simplex calling frequency", **146.520**. 146.520 has been designated as an open frequency to make contacts, not conversation.

Proper procedure is to make the contact and then move off to another frequency, repeater, band, or wherever, t work the station. By doing this, the cal ing frequency is cleared, ready to be used by the next person and, no one has to listen to your tales. Also, this eliminates the possibility of a busy frequency for an emergency call. This de ignates a certain frequency to monitor when you have nothing else to say, an gives everyone a known place to go when they may want to contact you an can't find you on one of the repeaters.

Sounds easy, right? Well let's hope so and with everyone's cooperation, considerate courteous operation may be heard on all bands.

Where can you get a "Band Plan"? It is published in many handbooks and available as a hand out at radio supply stores and from several manufactures. I'll bet you have one and never really looked at it, probably even posted on the wall in the "shack". If not, it should be. Happy Hamming.

Ray ac7kq

ARES/RACES BY SHIRLEY MURPHY, N7QHW

Just a reminder that Mark Yordy, W7BBO, is our new Emergency Coordinator for Pierce County. (See contact information in the box on this page.

There will be a Pierce County Amateur Radio Emergency Communications (ARES) meeting on Sunday, October 27, 2002 at 12 Noon at the Radio Club of Tacoma clubhouse located at 1249 S Washington St., Tacoma, WA. Elections for new officers and board members will be one agenda item. Beyond that, it will be an excellent opportunity for everyone to meet Mark and have a face to face QSO. Please come and give your support to ARES. WE NEED YOU, EACH ONE OF YOU.

New appointments for Pierce County are Rollo Van Slyke, N7JQ, Assistant Emergency Coordinator/Zone 1 Manager and John Mollan, AE7P and Donna Mollan, WB7FDE, Assistant Emergency Coordinators/Anderson Island Managers.

Rich Heasty, KK7VH is the Net Manager for Pierce County Amateur Radio Communications Services nets. Contact him if you would like to volunteer to do a net.

Shirley Murphy, N7QHW, will manage membership applications and maintenance of the roster. Contact Shirley with any questions or concerns relating to Department of Emergency Management Worker Identification Cards.

Special Events Manager will continue to be Judy La Fleur, N7NII, who can be reached via telephone at 253-847-5198 (you must leave a message and she or her representative will get back to you).

I would like to once again encourage everyone to get active in ARES/RACES and get behind our new leadership persons and give them your support.

Don't forget to check into the Pierce County Amateur Radio Communication Services net on each Tuesday at 7 PM on the 146.640 MHz repeater until further notice.

We have a new web page address. It is http://piercecounty.tripod.com. Check it out and see what is happening. More information will be added as it is needed or becomes available. The net preamble is also available on the web page.

Thanks to all for your support of ARES. 73 Shirley, N7QHW

Pierce County Phone Numbers:

Pierce County Emergency Coordinator: Mark Yordy, W7BBO 253-857-5123 or w7bbo@juno.com.

Assistant Emergency Coordinator/Zone 1 Manager: Rollo Van Slyke, N7JQ 360-876-2803 or rollo@worldfront.com

Assistant Emergency Coordinators/ Anderson Island Managers: John Mollan, AE7P and Donna Mollan, WB7FDE. John and Donna can be reached at 253-884-1679 or ae7p@arrl.net.

Net Manager for Pierce County Amateur Radio Communications Services nets: Rich Heasty, KK7VH 360-897-5676 or email to rheasty@wolfenet.net

Membership Applications and Roster Maintenance: Shirley Murphy, N7QHW 253-265-3661 or sundancealso@harbornet.com

Special Events Manager: Judy LaFleur, N7NII 253-847-5198

Later in this issue: ARRL announces availability of new ARES vest design.

FIRST CONTACT AWARD

Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First Contact Award will be issued.

October Contest Calendar

Oct 5 TARA PSK31 Rumble (Fall Classic), 0000Z-2400Z (see April *QST*, p 93

QCWA QSO Party--CW/Phone, 1800Z Oct 5 to1800Z Oct 6 (see April *QST*, p 109).

For more contest details, go to www.arrl.org

1st weekend Oceania DX contest SSB (VK-ZL)

1st weekend RSGB 21/28 MHz contest SSB

2nd weekend Oceania DX contest CW (VK-ZL)

3rd weekend RSGB 21/28 MHz contest CW

3rd weekend WAG (German) contest

3rd Sunday Asia Pacific Sprint

Oct 26-27, 2002 CQ World wide DX contest SSB

PINOCHLE & POTLUCK

See you October 5th!

For info call:

Jack, WA7ENB, & Marilyn Moore

253-759-4898

Other fall/winter gatherings on 1st Saturdays

Sunshine & Congrat

If you know anyone in the club who could use a word of cheer, congratulations or con dolences, please contact Jill Palmer, K7JIL, 253-539-7772 e-mail hamtalker2@msn.cor (note NEW email address)

Pacific NW Hamfest

October 12

Hamfest 2002. New University High School, Spokane, WA 99206. Spokan hamfest@yahoo.com.

October 12

North Kitsap Amateur Radio Club Hamfair. Silverdale, WA. 9:00 am to 3:00 pm. See web page at: http://www.silverlink.net/nkarc/. For information, contact Malcolm Manna NF7M@arrl.net or Russell Swank, KI7PG@arrl.net.

October 26

SwapToberfest, Polk County Fairgrounds, Rickreall, Oregon. (Ten mil west of Salem). This is a big one and good one! There is excellent RV space with water/electric hook-ups in the parking lot. For information, contact n7bud@arrl.net

November 9, 2002.

Mount Baker Amateur Radio Club Flea Market, Bellingham, WA. Note: new date and location! http://www.qsl.net/k7skw/fleamarket tm . Info, contact k7iey@netscape.net

October Nutshell

October 12 - Spokane

October 12 - Silverdale

October 26 - Rickreall, Oregon

UPCOMING PROGRAMS AT RCT

VEDNESDAY, OCTOBER 9TH - "EYEBALL QSO" NIGHT AT THE CLUBHOUSE

'he Library Administration Building will not be available. This evening the meeting will be held at the clubhouse. ;ome and enjoy visiting with your fellow club members, operate the HF station, see PSK-31 digital mode and Amateur 'elevision demonstrated. Coffee, tea, and cake will be served.

VEDNESDAY, OCTOBER 23RD - TIGER MOUNTAIN BROADCAST FACILITY

Jick Winter, WA7IVO, will present a slide tour of the Entercom FM Broadcast Transmitting Facility on West Tiger Mountain. This facility is the home of eleven of Tacoma/Seattle's FM stations. The program will feature the master ransmitting antenna and combining system that allows ten of the eleven stations to feed into one antenna. Nick is a Broadcast Engineer, and will explain the technical details that keep these stations on the air.

ARRL RCT VE Team Report by Shirley Murphy, N7QHW

;eptember 2002 was a very busy month compared to August. We held two different testing sessions, our regular one nd then an extra one at the RCT Flea Market. Both were well attended. Forty people tested during the VE Testing ses- ions. Out of the 40 people, 4 people upgraded their license. Of the remaining 36 persons, 22 people achieved a new li- ense, 1 person successfully passed the element attempted and the remaining 13 people were not successful in their at- empt to pass the requested test element.

)verall, there were 41 test elements given. 27 were passing and 14 failures for a percentage rate of 66% passing. There vas one paper upgrade to General Class.

Achievements included 21 Technician Class license, 1 Technician with HF Class license, 2 general class license, and 2 Extra Class license.

Club members and their new license class: Douglas Oakman, Call Pending achieved a new license of Technician Class vith HF privileges.

Thanks to the VE Team members who help make our testing sessions run so smoothly. It is very much appreciated and couldn't be done without you.

73, Shirley, N7QHW, Radio Club of Tacoma VE Team Liaison

Amateur Radio License Instruction at RCT

Radio Classes Offered

The Radio Club of Tacoma will be holding a class for the No-Code Technician Amateur Radio License in one weekend: October 5 & 6, 2002. Several RCT club members are scheduled to teach various sections of the two-day course including Jerry W7BUN, Lynnette KD7BVO, John AC7LK, Nick WA7IVO, Rich N7ANF, and George KK7FM. As of today, the October class is sold out but anyone interested in this course offering should contact Jerry W7BUN for information on the next class session.

- For upgrading your license, General and Amateur Extra Class courses are now signing up students for classes to begin in September and October. Minimum class size is six, maximum is ten. The Gen- eral class will meet weekly for five evenings, the Amateur Extra class will meet weekly for eight evenings. Tuition is free. License manuals will be available - $15 for General, $25 for Extra.

Call Jerry, W7BUN, at 253-845-7652 to register for classes.

RADIO CLUB OF TACOMA

General Membership Meeting August 28,2002

The meeting was opened at 7:30 PM by President Mick Pier, KK7QS. who led us in the Flag Salute.

Introductions were made around the room. We had some visitors and some newly licensed hams.

Illness or Silent Key: Wade, WA7OHG, took a fall, but is doing OK. Nora, KC7JME, is going in for some surgery. Dana, KD7KPY, is under the weather. Byron Kabron, K3ROT, is a Silent Key.

Announcements: Shirley, N7QHW, passed around the Puyallup Fair sign up sheet. She said we wouldn't be allowed to leave until it was filled up. Jerry, W7BUN, announced a Technician class for October 5 and 6, 2002. He also announced the following upcoming programs. Sept. 11, Planning Committee report and member input. Sept. 25, Dxpedition to South Sandwich Islands. Oct. 9, At the Club House. Eyeball QSOs and look and learn about the equipment. Oct. 23, Picture tour of a local commercial broadcast site on Tiger Mountain.

Program: Mike Compton, KB7ZDR, showed and talked about useful tools and test equipment for radio repair.

Correspondence: Membership forms, phone bills, bank statements, newsletters.

Committee Report: Frank, AC7JY, reported that we will have a Flea Market meeting Thursday September 5, at 7 PM at the Clubhouse. Rich, N7ANF, mentioned that this Saturday is the mini flea market at the Clubhouse.

Good of the Order: Jerry has some estate items for sale. George, KK7FM, reminded us of the Boy Scouts Jamboree on the Air coming in October.

Door Prize Drawing: Two Money Clip/Knifes won by: Worth, W7WG, and Doug, KD7SQR. 50/50 drawing for $35.50 was won by Frank, AC7JY. No, he didn't draw his own ticket!

44 People signed the attendance roster.

The meeting was adjourned at 8:40 PM.

Respectfully submitted: Ed Root, KC7OKS, Secretary

UPDATE: Email Address Collection and Emailing the BARK

Just want to let everyone know where we are as far as emailing the Logger's Bark instead of mailing it to everyone. We have been very successful in getting enough email addresses to achieve a reduction in mailing costs by emailing instead of postal mailing. I have really appreciated the response from everyone that has given me an email address. We can still save more though by getting more email addresses so keep them coming.

The RCT Board of Directors has determined that at this point, the members are not receptive to receiving their bark via email so have directed us to continue the postal mailing of the bark for one more year.

ATTENTION EVERYONE:

EMAIL ADDRESSES WANTED!!!

We will address this issue over the next few months though so please keep us updated with email address changes or new email addresses so we will be ready when the board decides to take the plunge.

It is still in the near future, but we would like to start sending the Logger's Bark to as many people as possible as an email attachment. This will reduce our mailing costs considerably if we have an email address for all members. We understand that we will still have to do some mailing but if we can keep it at a minimum, it will work.

If you do not wish to have your email address published in the roster, just let us know. It will also be important to notify the club whenever your email address changes in the future.

Send this information to:

Scott Clausen, NF7Y

1207 106th Avenue CT E

Edgewood, WA 98372-1588

253-925-8637 or shebang@qwest.net

VOLUNTEER NEEDED TO HELP THE BARK

The BARK is looking for someone who can take Shirley's place for a few months in taking the BARK to the printer and coordinating the distribution of the BARK to the membership. Please contact Shirley if you can help out. She's going to leave town for some time this winter, and we need someone to do this job. Call her at 253-265-3661 for all the details.

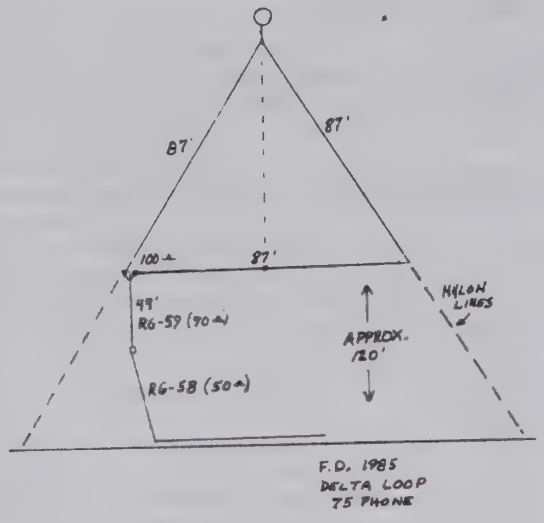
Fd Day 1985 Continued from Page 2

n point.

...he entire mess weighed very little. The antenna w e was #16 aircraft wire (Boeing surplus), and insu- lors were tie-wrap. Guy lines were light nylon cord, a l the balloons were from Edmonds Scientific.

HINGS THAT WENT WRONG - No scientific en- d vor of this magnitude ever goes without some small n nber of crashes and bangs. The first effort was made w h two balloons and was launched in the morning, w h cool, overcast weather. As the sun came out 'nest injun, it did) the gas expanded and first one a l then the second balloon burst - bursted, busted, ke, your choice - probably from the rubbing action of t two balloons against each other. This left one bal- lo in the spare stock. We waited until sundown and i ated that one, which at about 6 ft. in diameter had a estimated lift of 17 pounds. Along with sunset came c m winds, and the rig stayed up the balance of the n ht.

Operators of the night shift reported good results in the eastern areas for the first time, and the score for 75 phone was substantially higher than previous years; at about 298 contacts vs. 222 for 1983. report by W7KKN"



Picture caption reads: "The Great Balloon Trick or Eastward across the Mississippi" o

UESDAY NIGHT NET AUGUST CHECK-INS

b call sign, number of check-ins, and name

RCT 147.28 MHZ TUESDAY EVENING NET

August 2002

K7ITX	2	DICK	KD7NUV	3	MICKEY	KK7QS	2	MICK	N7VIF	1	PEDRO
K7JIL	1	JILL	WA7OHG	4	WADE	KK7QW	1	PETE	KC7VUM	4	LOU
KC7JME	3	NORA	N7OMS	1	AL	KD7QYT	2	STEVE	W7WG	2	WORTH
KC7JPJ	3	BRUCE	KD7OPO	3	BOB	K7ROL	1	CAROL	W7WIA	2	OLIVER
AC7JY	3	FRANK	K7PZF	3	JOHN	W7RW	2	ANDY	AB7WJ	2	BILL
KD7KPY	1	KEITH	KB7QAG	4	JEFF	KD7RWT	1	GINO	KJ7XJ	1	ERIC
KD7KPZ	1	DANA	KD7QBF	1	MIKE	K7SAA	1	ED	KD7ZBN	1	ED
AC7KQ	1	RAY	N7QHW	2	SHIRLEY	W7SKI	2	BOB	KB7ZDR	1	MICHAEL
KD7KQE	1	ART	N7QHX	2	TOM	KB7SVX	1	JEAN	KB7ZT	1	FRED

Net Control Stations

Aug 6 KD8HLD

Aug 13 KA7IOX

Aug 20 W7BUN

Aug 27 N7QHW

Tuesday night net is on 147.28 MHz Please join us!

Thanks for checking in!

QSL CARD OF THE MONTH: Thanks for Support,73 de VK4APG

Mellish Reef is an external territory of Australia centrally located in the Coral sea, off the Queensland coast, about 1,150 km NNE of Brisbane.

The reef is approximately IO km long by 3 km wide but is submerged when the sea is above half tide. The only land mass is "Herald Beacon" a 600m x 120m sand cay which rises 2 meters above the high water line. The vegetation is home to a collection of seabirds & hermit crabs. Ladybirds seem to have eaten all the ticks & lice that were once present.

To date this was the largest DXpedition operational from Mellish, and it came close to being aborted on April 13 due to nasty weather. Eleven persons left Gladstone Monday April 8 on two 43' catamarans "Bach & Byte" skippered by David Gemmell, VK4GL, & "Spellbound" skippered by Geoff Toomey.

The journey out should have taken three days - it took six - safety was the prime concern. The team did eventually arrive to be QRV Monday April 15 for ten days on all bands 160-6 meters including WARC.

We had five Yaesu stations: 1 FT-1000MP & VL-1000 for low-bands, 1 FT-1000MP MkV Field, 1 FT-1000MP MkV, & 2 FT-920s. The antenna farm consisted of a 10 meter delta loop, a complete suite of vertical dipoles for HF, a Battle Creek Special, & two Beverages for low-bands. The only Yagi used was a K6STI optimized 5 element for 6 meters.

This was the first time a DXpedition used a wireless LAN for the logging system which helped set new standards for on-line logs as QSOs appeared in record time. 51,037 QSOs were made in total despite periods of relativelv poor propagation due to three solar flares.



CHALLENGE OF THE MONTH

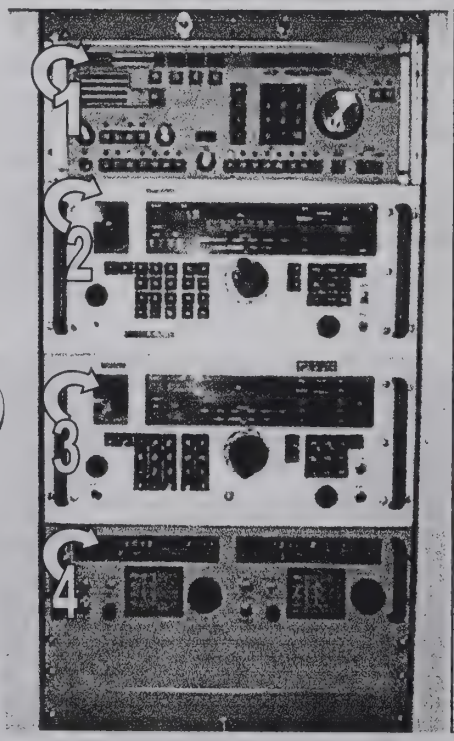
A sealed metal box has three electrical terminals on the outside. An ohmmeter test reads two ohms between any two terminals.

Draw the two possible circuits that are inside the box. (answer next month)

Thanks to all the volunteers for all the hours at the Puyallup Fair Booth- helping to promote amateur radio!!

RCT

Do you have something interesting to contribute to the BARK? Send it to KD7BVO.



Last Month's Puzzler:

"Mystery Radios: Can You Name Any?" (nobod tried)

The rack at the W7DO shack.

1.Plessey Radio Systems LI HF Model PRS 2282A (British)

2. RACAL Model RA 6778C

3. LF/FH (British, Made in the U.S.)

4. Cubic Communications, Inc. VLF-HF Model R-3030 Dual Receivers (Built in th U.S.)

These receivers were used by government agencies in both the U.S. and Canada. Since the end of the Cold War, many high end receiv ers like these slowly come available.

TREASURER'S REPORT

AUG 2002

COME

BADGE SALES	$18.00
BOOK SALES	72.00
FIELD DAY	11.02
DOOR PRZ DON	73.00
DUES	420.00
TOTAL:	$594.02

XPENSES

EVENTS	$49.26
POSTAGE	44.04
ATT/BB I	20.05
TOTAL	$113.35
NET:	**$480.67**

rom WA7ANJ, ROGER

Editorial by Lynnette KD7BVO

A couple of weeks ago, someone called our house asking for KD7BVO. My mom and dad were here visiting and my dad answered the phone. He said the person wanted to talk to KD7BVO about "the last Bark."

Gary and I and the kids were all out at the moment and my dad had no idea what the person on the phone was talking about. Finally, he decided it must not have been a wrong number when the person, after checking, came back and gave my name. My dad found it all very mysterious...

My parents know that Gary and I are amateur radio operators but even though they saw the radio in action (Gary gave them an extensive demonstration), my dad still didn't make the connection with the phone call.

I grew up in Minnesota and lived in Montana, Wisconsin, and Kansas before marrying Gary and moving to Washington.

Until I married Gary, I knew nothing about amateur radio. So it's not surprising to me that my parents wouldn't realize what a large part the radio plays in our lives.

The radio at our house is almost always on. Gary spends his radio time primarily on CW (chasing FISTS numbers); my time is spent on the WAS nets collecting qsl cards. (Our kids KD7GJM Monica and KD7GOE Bernard will have their best chance to develop their favorite radio activities when they get their own radios and antennas.) Rarely does an evening go by when the radio isn't on.

My parents live in Minnesota and are "snow birds," wintering in Florida each year. They were here for only a few days. This was their first trip here since 1997 so whoever called me can feel free to call again - everybody else in the house knows KD7BVO and the Bark.

'anted Radiotelegraph (W) Operators

Gary, W7DO

e you interested in revisiting the tractions and wonders of short- ave radio, which you started out th? How about listening and com- unicating with new and exciting aces around the world?

red of the idle chitchat on FM re- aters no-matter what it's linked ? Tired of the same old HF SSB one discussions? Do you feel that mehow your hobby has lost some- ing? You really don't care about hat your position is in front of your use using APS.

hat about checking your e-mail ly to get Spam messages? Well aybe it's time for you to think out rejoining something truly onderful and fulfilling again.

aybe it's time for you to consider sing Morse code again. Yes, that is rrect, Morse code, continuous- ave

Continued on page 13

ELMER BOARD

Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members' areas of interest.

1.Technical questions, Classes

2. Help with Code

3. License Examinations

4. Antenna and Station planning

5. Antenna and Tower erection

6. Buying new or used equipment

7. Equipment repair

8. Understanding and operating your equipment

9. DX and Contests

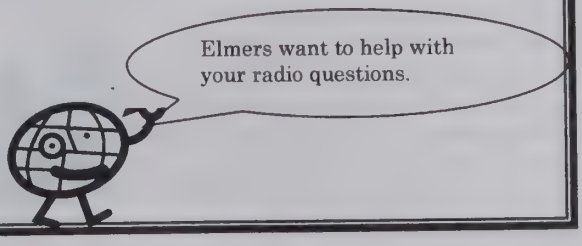
10. Club and ARRL activities

11. Using test equipment

12. IRLP

Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Frank, AB7YZ	253-752-8520	2,3
Roger, WA7ANJ	253-475-4293	1,2,3,4,7,8,11
Angela, KC7EQ		2
John, AC7LK	253-984-6709	12
Mick, KK7QS	253-847-8223	12

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the board!



MUSEUM MUSINGS by Worth W7WG

THE MUSEUM ANTIQUES have not been very active recently. By definition they are old. Radio antiques increase in value as they age, the radio operators do the opposite. The latter have been spending successful visits to hospitals, surgeons, rehabilitation sites, or other conflicting activities. "Antiques in Training" have been unionized or doing other distractive activities, such as working for a living. Nevertheless, the Museum has carried on.

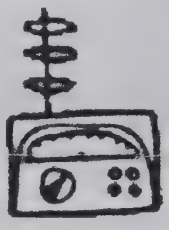
The Museum was invited to be one of the demonstration projects at the Flea Market. Several of the older, but lighter, rigs were taken and displayed, triggering in Fleas Market visitors enjoyable reminiscences of their novice days in simpler times.

As in other years the apparently first Heathkit transmitter, the AT-1, was the most popular. It and other rigs are described below. Bruce Franklin, K7DYY, displayed and operated his early Forest Service transceiver manufactured in Portland. They were used at fire towers and other remote locations near 80 meters before VHF repeaters and equipment were available. Using the antenna put up by Alfred, K7PUC, and others, Bruce was heard on 80m AM several miles away. Then Wade, WA7DE, from Bainbridge Island brought the neat little FT 817 station in a couple of brief cases. He made a good contact on 80m with Ellensburg on the Noontime Net.

Angela, KC7EQ, created interest in her demonstration of code with the help of a cute little girl who was quickly learning the alphabet in code.

Down at the next table Professor Rich, N7ANF, had attracted an audience around him which was like that at a Puyallup Fair booth of a hawker of a fancy potato peeler, vitamins, or snake oil.

Rich had a live 2-meter antenna, which could be clipped into a J-Pole, a center-fed dipole, or a "Zepp" antenna. Neon bulbs showed the high voltage points at the ends of the antenna and along the tuned spaced feeder system. He handed out subversive literature with secret formulas and mathematical symbols. Although he didn't have a model Graf Zeppelin balloon with its antenna hanging out, he did show a picture how that antenna was designed, thus the zepp antenna fed at the end with ladderline which was so popular in the early days of amateur radio.



On display we had a Meisner Signal Shifter, the earliest well known VFO manufactured for hams. Up until then most hams were crystal controlled on one frequency, called CQ, and tuned the band for an answer. Michael Compton, KB7ZDR, completely restored it to new condition replacing the capacitors, resistors, and power cord, donating his services to the Club.

Also displayed were: a National SW TRF regenerative receiver, very popular with hams in the late 1920s and early 1930s; an Atlas transceiver, the earliest popular amateur solid state SSB rig; a small rig from the mid-1970s donated by Mario, KD6ILO; a one tube bread-board transmitter in "TNT" oscillator circuit made by Do Spike, W7OS, in the 1920s; a Globe Scout Model 60 AM transmitter ma by World Radio Laboratories; a Hal licrafters Sky Buddy receiver from te 1930s; a golden Vibroplex "bug" sen automatic key from the an early era and much else that was on display b not operating.

Chief Antique Operator Morel, W6IK, who knows how to get the oscillator oscillating, was involved in a differe type of operation, his own spine ope tion.

The Museum has been invited to dis play these items for the fourth year b the North Kitsap Amateur Radio Cl Flea Market at the Kitsap County Fa Grounds near Silverdale on Saturda October 12th. Members of that club donated the "Old Oak Rig", now at o clubhouse, which was rescued from te discard pile of the Keyport Underse Warfare Museum.

Anyone want to help us then?

continued from page 12

(CW) or my favorite, radiotelegraph.

Your amateur radio license lets you use this mode just about anywhere in the amateur radio spectrum. Once upon a time you learned Morse code as part of your license examination preparation. Guess what? You still know this skill: it's waiting inside you to be rediscovered, re-polished just like a fine piece of silverware. Radiotelegraph is still around and with modern technology, new facets of it are waiting to be discovered by you. You don't have to unplug your computer, you can load any number of current Morse code programs to bring you back up to your old speed and better, even use your computer to send and receive code. Want to learn more?

Check out their web page, and join FISTS. http://www.fists.org

Check out the fine telegraph keys you can buy at http://www.mtechnologies.com



Standard telegraph key

Are you interested in finding out mo about the wonderful heritage and hi tory of Telegraph? Read exciting sto ries, like Jack Phillips, Chief Marco Operator on the Titanic. Then visit Neal McEwen's, (K5RW) web pages "The Telegraph Office" http://fohnix.metronet.com/~nmcew/t el_off.html

So dust off the old key, clean up the contacts, and join me on the HF bands and rediscover the fun and pleasure radiotelegraphy can provide you. 73, Gary W7DO

FleaMarket Flyer Mailing Work Party

THANK YOU.....THANK YOU.....THANK YOU!.....From Frank AC7JY and Jill K7Jil

They say "many hands make light work", and it really is true! Some of us got together on Friday, July 26 at 10:00AM at the clubhouse, to help put 2 tabs and a label on 4,000 Fleamarket Flyers.

The flyers had been put into a folding machine by hand by Dana Marshall **KD7KPZ** one by one. She had no idea what she volunteered to do!!! But thank you so much. And a huge thank you to her husband Keith **KD7KPY** who kindly went out of his way several times to do the legwork and drive the machine here and there.

It's possible to work and have fun at the same time! We did, and Rob **WB7QCS** kept us on our toes, when he wasn't making us laugh! Everyone worked hard (so we could get a break.....just kidding Shirley) and we were done by around 1:00.

Thank you Shirley for your hours of work getting the labels ready, and organizing the work party so it would run smoothly.

I'd like to thank everyone else who gave of their time: Nora **KC7JME**, Angela **KC7EQ**, her daughter Ria **KA7RAZ**, Don **W7DON**, Marilyn **KJ7BN**, Jean **KB7SVX**, Al **AC7BU**, Worth **W7WG** and his XYL **Marian**, Rob **WB7QCS**, Nick **WA7IVO**, Tom **N7QHX**, Al **K7HW**, John **K7PFZ** and his XYL **Connie**.

Please accept my thank you to anyone I might have omitted!

HERE'S TO THE RADIO CLUB OF TACOMA'S FLEA-MARKET 2002!!

Feel Better Soon!

Vide, WA7OHG, took a fall, but is doing OK.

Nora, KC7JME, is home after two back surgeries and we wish her a speedy recovery after a particularly rough month.

Dana, KD7KPY, has been under the weather. Hope you're feeling better.

Morel, W6LIX, had a spine operation. Best wishes, Morel, for a quick recovery.

Bernard, KD7GOE, has a sports injury to his arm and will be out of high school football for a while.

Do you know a member who could use a smile or a pat on the back? Let us know.

Coming up in November's Logger's BARK:

- Recap of the Flea Market event, and a kudo list for many that helped with it. Story by Frank and Jill Palmer.
- Shirley Murphy reviews Radio Club of Tacoma's activities at the Puyallup Fair booth.
- Radio Club of Tacoma membership application form to complete for membership renewals.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please contact Jill Palmer, K7JIL, 253-539-7772 or e-mail hamtalker2@msn.com (note NEW email address)

Wanted: Articles for the BARK

This is your newsletter and we'd like to hear from you. If you have an interesting story to tell or an experience that others may find interesting, pass it along.

If you have an interest in an aspect of the hobby that you'd like to tell others about, pass it along.

We'd like to include articles that would be of interest to young people and would enjoy reading your stories of how you got interested in amateur radio, who your elmer was, what your first radio was, your initial trials and tribulations.

Young people today might not realize the value of listing their amateur radio license status on a resume', so if you have a story of how you got a job because you were a licensed amateur, please pass it along.



Personal stories on any aspect of the hobby will be very much appreciated. Don't worry if you don't think you are a writer - that's what the Editor is for!

Speaking of Editor, if you want to write letters to the Editor, we'll take those, too.

So pass your stories and articles along to KD7BVO, the Editor, at lmartek@cs.com or send it in the mail.

We want to hear from you. It's your newsletter!

Lynnette Martek

308 118th Ave Ct E.
Edgewood, WA 98372 or
call 253-826-0184

Email to lmartek@cs.com

News from the ARRL

de Jerry, W7BUN

ARRL OFFICIALS UPBEAT ABOUT REACHING 5-MHZ COMPROMISE

ARRL President Jim Haynie, W5JBP, and General Counsel Chris Imlay, W3KD, say they're optimistic about reaching a resolution to issues that could otherwise block plans for a new 5 MHz band. Until surprise opposition surfaced from the National Telecommunications and Information Administration (NTIA), the FCC appeared to have put ARRL's request for a new, domestic-only, secondary amateur allocation at 60 meters on the fast track.

In an eleventh-hour move a month ago, the NTIA recommended in a letter to the FCC--sent after the comment deadline--that the Commission not go forward with a proposal for an Amateur Radio allocation at 5250 to 5400 kHz. The NTIA regulates radio spectrum allocated to the federal government.

"We are working together with the Federal agencies involved toward a solution of the impasse raised by the NTIA letter," Imlay said after he and Haynie attended a series of meetings September 19 in Washington, DC.

Acting NTIA Associate Administrator for Spectrum Management Fredrick R. Wentland had said in an August 21 letter that critical federal agencies, including the Department of Justice, the US Coast Guard and the Department of Defense, were making extensive use of 5 MHz frequencies. He worried that the 5 MHz proposal the FCC put forth last May at the ARRL's request "does not adequately provide for protection from harmful interference to these critical government operations."

After initially huddling this week with NTIA and FCC officials and staff members, Haynie and Imlay met face-to-face with representatives of the agencies involved to share mutual concerns.

"They are willing to work with us," Haynie said. "Chris and I left feeling a whole lot better." Haynie said hammering out some differences will involve some further meetings--including one with the US Navy--but that he and Imlay were feeling much more positive about the situation.

"I feel confident we'll get something," Haynie said. "I don't think we'll get everything we want, but it's certainly a start, and it's a lot better than what it was this time last week."

One difficulty in the negotiations is that some of the information on the government's use of the 5-MHz frequencies involved is classified. "We were given some hints about the sensitivity and the seriousness of some of the activity that's going on," Haynie said, "and we fully appreciate that now--more so than before--because we just didn't, and couldn't, know. The important thing is that we have established a good working relationship with the Justice Department and the Coast Guard."

Imlay said the discussions tended to center on power restrictions and frequencies but emphasized that no decisions were reached. The ARRL proposal called for a 150-kHz wide band and the full legal power limit. Imlay hinted, however, that perhaps a smaller band than the one requested coupled with some power output limitations, was a real possibility.

The ARRL has called the 5 MHz allocation "an urgent priority of the Amateur Service" and has asked that the proceeding to grant it be expedited. Until the latest snafu, the FCC had been expected by early next year to issue a Report and Order on proposals for the 5-MHz band, a new low-frequency allocation in the vicinity of 136 kHz and primary Amateur and Amateur-Satellite status at 2400 to 2402 MHz.

REPEATER? REMOTE BASE? FCC ORDERS CALIFORNIA SYSTEM TO SHUT DOWN

The FCC has ordered a UHF Amateur Radio system in the Los Angeles area shut down until it either obtains coordination or comes up with an acceptable plan to prevent interfering with a coordinated repeater just 10 kHz away. FCC Special Counsel for Enforcement Riley Hollingsworth says the owner of the 447.250-MHz system on Mt Disappointment, Steven R. Decho, KE6FX, has complied with the FCC request, which was included in a September 4 Warning Notice.

"For over two years, your Mt Disappointment KE6FX station has been characterized by lack of control and identification problems," Hollingsworth wrote. "The real basis of this matter seems to be that you object to a recent change in spacing standards by the coordinator and do not wish to conform to them." The regional coordinator, the Southern California Repeater and

Remote Base Association (SCRRBA), has told the FCC that the coordination for KE6FX was abandoned.

The FCC considers the KE6FX station a repeater, while Decho, who resides in Draper, Utah, calls it "a remote base." As a remote base, he has claimed, KE6FX does not require coordination. But the FCC said Decho did submit outdated coordination documents in his response last year to FCC communications.

In either case, Hollingsworth again pointed out, the KE6FX system is causing interference to the coordinated WA6UZS repeater 10 kHz away. If it's a repeater, Hollingsworth explained, KE6FX is obliged to prevent interference to the WA6UZS repeater under §97.205 of the FCC rules. If it's an auxiliary station or a remote base, "the fact remains that it interferes with the WA6UZS repeater," Hollingsworth said.

In previous communications with Decho going back about a year and a half, Hollingsworth among other things cited "reports of dead carriers that last for weeks, a one that lasted continuously for three weeks, weekends of 2-meter rebroadcasts and a repeating CW identification that lasted for weeks." Over the July 4 holiday this summer, the system re-broadcast other repeater traffic and ignored attempts by WA6UZS repeater personnel to contact Decho, the FCC said.

In August 2001, the FCC said the KE6FX beacon identification that activated without operational input, the rebroadcasting of other repeater traffic, dead carriers, continuous tones or repetitive CW identifiers "must cease immediately" and normal repeater traffic, if any, must not interfere with WA6UZS.

VINTAGE 1AW QSL BRINGS RECORD PRICE

We're not certain if ARRL co-founder and first president Hiram Percy Maxim would have been proud or surprised to know that one of his old 1AW QSLs apparently set a price record for the sale of a single QSL card. A 1923-vintage HPM 1AW card recently went for $2125 on the eBay online auction site.

Neither the seller nor the buyer have been identified, but ARRL member Paul Cassel, VE3SY, of Petersburg, Ontario, Canada, acted as the sale agent and posted the card on the auction site. "The winning bidder is in California and is a very serious QSL collector," he said after the auction closed. Cassel pledged to donate half of his sale commission to the W1AW Endowment Fund.

The 1AW card appears to verify reception of 9CTR on a wavelength of 193 meters rather than a two-way contact. "You were calling another 9," Maxim wrote in the card's "Remarks" section. Although the card proclaims "American Radio Relay League Station 1AW" across the top, the now-famous call sign was Maxim's own personal call sign at the time, not the League's, and Maxim operated from his home on Hartford.

Until the 1AW card sale, Cassel says the highest known price paid for a single QSL card was more than $1100 for an AC4YN QSL from the Tibet DXpedition of Sir Evan Nepean, G5YN, who died last March at age 92.

ARRL RESPONDS TO IMPLIED 222-225 MHZ THREAT

The ARRL has taken issue with a suggestion made in a non-Amateur Radio-related FCC proceeding to turn the 222-225 MHz amateur allocation over to commercial interests. In reply comments filed this month, the League urged the FCC to "do nothing" with the proposal of Data Comlink (DCL), a consortium of 20 electrical coops and allied companies.

"ARRL presumes that the proposal by DCL for reallocation of the 222-225 MHz band will not be seriously evaluated by the Commission, as it is well outside the scope of this proceeding," the League said in its September 5 filing with the FCC. Until DCL raised the 222-225 MHz suggestion last month in its own comments in WT Docket 02-224, the ARRL had remained silent in the proceeding.

DCL claimed in its comments that the amateur allocation at 222-225 MHz "is being underutilized" and that the band "would be much better utilized for commercial use."

ARRL asserted that the band, far from being underused, "remains a critical VHF allocation" for amateurs. The League noted that the ARRL 2002 Repeater Directory--albeit not a comprehensive listing--lists 1690 repeaters throughout the US, indicating an even larger number of individual users.

"Indeed the number of individual amateurs using this band has increased steadily since 1989, when the amateur allocation at 220-225 was reduced by 40 percent," the ARRL said, "and now much commercially manufactured equipment is available to amateurs."

DCL had claimed that "only handfuls [sic] of individuals in the Amateur Radio Service even use this spectrum, while hundreds of thousands of potential commercial users wait with no alternatives." The League characterized as "invalid" DCL's arguments in favor of reallocating 222-225 MHz from the Amateur Radio Service and noted that the FCC earlier this year had set aside an additional 8 MHz of spectrum for Land Mobile Service operations.

The League's reply comments in the DCL proceeding are on the ARRL Web site <http://www.arrl.org/announce/regulatory/wt02-224/arrl-comments.html>.

The ARRL has not commented in an unrelated Petition for Reconsideration filed by Warren C. Havens on behalf of himself and Telesaurus Holdings GB LLC, in which he holds a majority interest. Filing last month under PR Docket 92-257 and RM-9664, Havens is seeking to have the FCC reconsider its decision to auction certain AMTS spectrum and instead adopt his "Advanced Technology Land Infrastructure and Safety Service" (ATLIS) proposal. Under that plan, Havens wants to see 222 to 225 MHz reallocated from amateur to public safety use. His ATLIS plan proposes to share 902-928 MHz on which amateurs are secondary.

ARRL ANNOUNCES NEW GEAR FOR ARES VOLUNTEERS

ARRL has announced that new gear for Amateur Radio Emergency Service (ARES) volunteers is now available. The initiative to offer stylized ARES gear to volunteers arose during the ARRL Board of Directors' meeting last January-in the wake of Amateur Radio's deep involvement in responding to the September 11 terrorist attacks. The Board asked ARRL staff to look into the possibility of developing distinctive garments for use by ARES team members that would be similar to jackets and vests worn by other public service volunteers.

A questionnaire circulated among ARRL field volunteers indicated overwhelming interest in the idea. Results of the survey plus additional feedback from ARES volunteers led to arrangements to make available ARES vests, windbreakers and equipment bags.

The ARES vest is a reflective-style garment similar to those worn by law enforcement officers or joggers. It has large front and back reflector panels and is imprinted with the words "AMATEUR RADIO COMMUNICATIONS" on one side.



ARES vest from www.barkerspecialty.com

The orange neon mesh vest is lightweight to be easily folded and stored in your immediate-response kit. With adjustable side straps, one size fits most. The ARES vest retails for $9.95 plus shipping and handling.

The bright royal blue windbreaker jacket features an embroidered ARES logo on the front and the words "AMATEUR RADIO COMMUNICATIONS" in white lettering on the back. The jacket is 100% Nylon and has a snap front and a polyester lining. There's a bottom drawstring to keep out drafts, plus side slash pockets and elasticized cuffs.

ARES members may personalize their windbreakers with FIRST NAME and CALL SIGN (optional) for an additional $4. Sizes are medium (M), large (L) and extra-large (XL). The windbreaker retails for $30.95 (sizes 2X are $34.95 and 3X are $38.95), plus shipping and handling.

The ARES equipment bag offers lots of places to store hand-held radios, spare batteries, paperwork and manuals, portable rigs, coaxial cable, clothing, and more. The equipment bag comes in black only. It's embroidered with a three-color ARES logo. It includes both hand and shoulder straps, heavy-duty zippers, Velcro and quick-snaps. It would be convenient for travelers or as an airplane carry-on. The bag measures 20 inches long by 11 inches tall by 10 inches wide and retails for $24.95, plus shipping and handling.

All orders must be placed through ARRL's authorized agent--Barker Specialty Company <http://www.barkerspecialty.com/arrl>. ARRL Headquarters cannot handle orders. Barker Specialty also carries other official ARRL sportswear and supply items. ARES stickers, decals, patches and other public service supply items are available directly from ARRL's online store <http://www.arrl.org/shop>.

DXCC ANNOUNCES 30-METER AWARD

The ARRL DXCC Desk has announced the addition of a 30-meter (10-MHz) single-band DXCC award. Applications for this award will be accepted starting October 1. The 30-meter DXCC certificates will be dated but not numbered. Thirty-meter credits will count toward the DeSoto Cup competition and included in the DXCC Annual List totals for the period ending September 30, 2003. A 30-meter endorsement to 5-Band DXCC also will be available. The 30-meter band was added to the standard DXCC printout in January 2002. If you have received a copy of your record since then, you already have a copy of your 30-meter credits. If you don't have a record of your 30-meter credits, contact DXCC for a copy. These are also available as Adobe PDF documents from DXCC via their email address. Hard copies are available from DXCC ($2 US and Canada) by writing to DXCC Desk. For more information, contact DXCC.

DXCC Addresses

Email:dxcc@arrl.org

Mailing address: DXCC Desk, ARRL, 225 Main St, Newington, CT 06111

ARRL COMPUTER SYSTEM UPGRADE DELAYED

A planned major ARRL computer system conversion that was to have begun last week has been postponed. At least for the time being, it's business as usual on the ARRL Web site, and all lookup features remain operational and up to date. An announcement will be made as to when the changeover will be accomplished and its impact on the operation of the ARRL Web site. Once installed, the new system will allow ARRL to serve its members better.

FLORIDA MAN IMPRISONED, FINED FOR DELIBERATE INTERFERENCE

lorida Citizens Band enthusiast William "Rabbit Ears" lippo will spend a total of 15 months in federal prison--cluding two months already served--and pay a $25,000 ne for jamming Amateur Radio communications and ansmitting without a license. He'll also spend a year supervised probation following his release, during hich he cannot own radio gear or firearms. Flippo was nvicted in federal court earlier this year on eight mis-emeanor counts. The sentence is believed to be a record r convictions of this type.

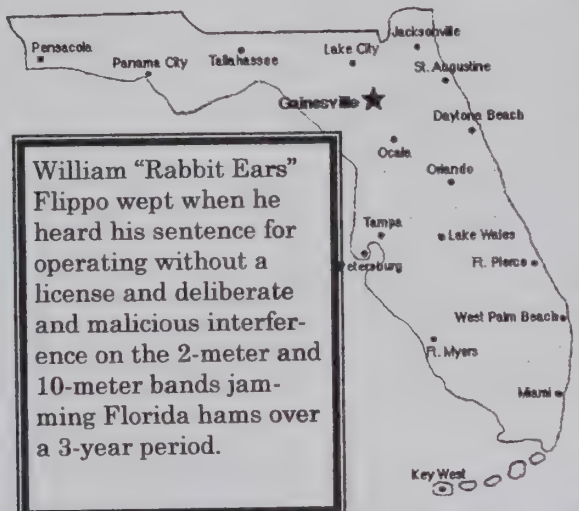
t's sent a shock wave across the mateur Radio and CB communi-es in South Florida," said Ed Pet-olt, K1LNC, who was among the mateurs targeted by Flippo and ho testified at his trial. "The CB uys are running for cover. You can uy an illegal CB amplifier pretty neap right now," he quipped. Hams ere surprised by the severity of ne sentence.

ederal District Court Judge Daniel .K. Hurley imposed the sentence ugust 29 on Flippo, of Jupiter. He ad been found guilty June 19 of our counts of operating without a cense and four counts of deliberate and malicious inter-erence. Flippo has remained in custody since the guilty erdict and underwent a psychiatric evaluation prior to entencing. The judge also said he wants a full financial isclosure from Flippo, who may face other legal actions nrelated to his radio operation convictions.

t the sentencing, Flippo reportedly wept, said he'd urned over a new leaf and claimed he was sole support or his wife and two daughters. None of his family mem-ers was in the courtroom for the sentencing, however.

he judge was not persuaded, telling Flippo, 60, that he as old enough to have considered the consequences of is actions. Hurley also alleged numerous incidents of erjury during the course of Flippo's testimony during is June trial, which ran six-and-one-half days. The jury ook about a half hour to determine that he was guilty n all counts.

According to trial testimony, Flippo primarily had tar-eted members of the Jupiter-Tequesta Repeater Group or jamming and regularly interfered with amateur op-rations, especially on 10 and 2 meters, over an approxi-nately three-year period. Following up on the amateurs' omplaints, personnel from the FCC's Tampa District Office visited the Jupiter area at least twice in 1999 and eported tracking the offending signals to Flippo's resi-lence.



William "Rabbit Ears" Flippo wept when he heard his sentence for operating without a license and deliberate and malicious interference on the 2-meter and 10-meter bands jamming Florida hams over a 3-year period.

Flippo had faced a maximum of eight years in prison--one year on each count--and up to $80,000 in fines. Available opinions were mixed on whether the sentence Hurley imposed was appropriate. Petzolt, who assisted the FCC in gathering evidence and, at one point, had his car rammed by Flippo's vehicle, said he felt Flippo should have received at least three years.

"I thought it was a slap on the wrist," said Petzolt, the 1999 ARRL International Humanitarian Award winner who also testified at the trial.

John Criteser Jr, KC4JLY, agreed. "I think he should have gotten more--at least five years," Criteser said outside the courthouse. Other amateurs who attended the sentencing session, including Jupiter-Tequesta club member Bert Moreschi, AG4BV, were satisfied with the penalty, however.

Last year, Flippo was convicted in state court of criminal mischief--also a misdemeanor--after ramming Petzolt's vehicle. He was sentenced to a year's probation and ordered him to dispose of his radio equipment. A ban on possessing radio gear also was a condition of his federal bond, which Hurley revoked during the trial.

Federal authorities arrested Flippo in July 2000. The criminal charges of which he now stands convicted covered violations allegedly committed between June 1999 and April of 2000. The defendant already faces a $20,000 fine levied in 1999 for unlicensed operation, willful and malicious interference to Amateur Radio communications, and failure to let the FCC inspect his radio equipment.

Hurley ordered Flippo immediately back into custody to start serving his sentence. Flippo reportedly was led into and out of the courtroom in shackles and leg irons.

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Compliments of K7TDJ
Thank You!

NOV 2002

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Tacoma, WA 98411

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COMING EVENTS

Sat. November 23: Operators' Party at the ClubHouse

Sat. November 30: Mini-Swap meet at the ClubHouse

See inside for details

NOV 2 - Pinochle Potluck

NOV 6 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

NOV 13 - Club Meeting - Library Administration Center, 7:30 PM

Program: "STEALTHY HAM RADIO INSTALLATIONS" Terry Dettmann, WX7S

NOV 12 - License Testing - 7 PM, Clubhouse

NOV 20 - BARK deadline

Coming in December:
Sat., December 14th - Christmas Party

NOV 27 - Club Meeting - Library Administration Center, 7:30 PM

Program: "THE WORLD RADIOSPORT TEAM CHAMPIONSHIP 2002" Ward Silver, N0AX

- Support OUR club - Attend meetings, volunteer, elmer.
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.
- *Check in on the 10 Meter Net every Sunday evening, 8 PM, on 28.375 MHz USB*
- See page 3 for meeting program schedule. Check the weekly net for updates to the program schedule.
- YLs - Check in to the YL Net on the 147.28 repeater every Monday at 8 PM.

Radio Club of Tacoma (W7DK) Monthly Events

November 2002

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2 W7DK Open House 10:00 AM - 2:00 PM ART LITTLE K7AML *
3 8:00 PM 10 Meter Net 28.375 MHz ERIC MALLEK KJ7XJ *	4 Week 44	5 ROBERT HONAN KD7QLJ * Election Day 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	6 7:30 PM RCT BOARD MTG	7 ROBERT FLOYD KA7FHM *	8	9 W7DK Open House 10:00 AM - 2:00 PM
10 8:00 PM 10 Meter Net 28.375 MHz	11 Veteran's Day Week 45	12 7:00 PM RCT LICENSE EXAMS 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	13 7:30 PM W7DK GENERAL MEMBERSHIP MEETING CLIFTON OSBORNE W7MFG *	14	15	16 W7DK Open House 10:00 AM - 2:00 PM
17 8:00 PM 10 Meter Net 28.375 MHz DONALD PETERSEN N7OTV * WILLIAM MORGAN W7GPR *	18 WILLIE BOURLET KA7NXK * Week 46	19 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	20 MARTHA DRIESSNACK KC7VUJ *	21	22	23 W7DK Open House 10:00 AM - 2:00 PM
24 8:00 PM 10 Meter Net 28.375 MHz PAUL MORGAN N7EPH * ALAN HUGHES KB7SVU *	25 Week 47	26 ANDREW DANISHER W7RW * JOE BUSHNELL WA7BLE * 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	27 7:30 PM W7DK GENERAL MEMBERSHIP MEETING	28 Thanksgiving	29	30 W7DK Informal Flea Market W7DK Open House 10:00 AM - 2:00 PM

radio club of tacoma W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

ARRL RADIO CLUB of TACOMA W7DK

W7DK

VOL. XXXIX NR. 11 NOVEMBER 2002

Events and News Brief

- New Life Member KD7GUE. Details in "From the President" on this page.
- Operators' Party Planned. Details on page 4.
- WX7S & N0AX to visit RCT. See Upcoming Programs page 8.
- 59 check in to Tuesday night net See page 9.
- "Rileyisms" Story on page 16

n this Issue: Membership enewal Forms - Get yours n so you don't miss is hing!

Inside this issue:

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FROM THE PRESIDENT, Mick KK7QS

Hello to everyone.

I would like to start out by welcoming our newest life member Morrie Pigott, KD7GUE. Morrie has been awarded an honorary membership for an outstanding contribution to the welfare of the club. Morrie and his partner Tom Jonez, K7TDJ (who is already a life member) have been printing our BARK for the past several years. This has saved the club several thousand dollars in printing costs. We can't thank them enough. An honorary membership is but a small token of our thanks WE WELCOME YOU.

Newest Life Member Morrie Pigott KD7GUE

We have been monitoring the repeater and its compatibility with the IRLP and its usage. The Board of Directors, along with the IRLP, and repeater monitoring committees, has decided to move the IRLP node to the 440 repeater. We feel this will give the IRLP enthusiasts a chance to use the IRLP a little more without interfering with the normal use of our contact/ auto patch repeater. The .28 repeater is generally used for short contacts and auto patches.

Even though the auto patch is seldom used it is still a feature we offer our members. We feel if the IRLP was moved to the 440 repeater we would be able to accommodate usage such as the YL net that meets on the IRLP. We would also be able to use the reflectors a little more freely. We considered the .38 repeater but its remote location makes it a poor choice.

The club is looking for someone who is qualified to do some remodeling on the inside of the clubhouse. We need a volunteer to head up some work parties to do some carpet replacement and painting. The board has already authorized a budget for this project. I need some one who can put together an estimate and organize the work party. If you think you are qualified and would like the opportunity to put your skills to a good use please contact me. - - - I'm looking for "A Few Good Hams". 73 de Mick / kk7qs

***Volunteer Needed**: to coordinate clubhouse remodeling. Put your organizational skills to work for a great cause!*

RCT Christmas Party Pot Luck is December 14th

The Radio Club of Tacoma will be holding its annual Christmas party at the TACID Building, 6315 S. 19th in Tacoma (just east of 19th and Mildred in Tacoma). The party will be pot luck with the main meat course, coffee and pop provided by the club. Bring a dish, hot-dish, salad, dessert, whatever you'd like (Rich says that somehow it always works out).

The Annual get-together is scheduled for Saturday, December 14th from 6 - 9 p.m.; use the east entrance at the TACID building. Besides the food, there will be door prizes and a great time to visit with your follow club members. Call Rich for information 253-474-8883.

Christmas Party
Sat, Dec 14 6-9 pm
6315 S 19th, Tacoma

RADIO CLUB OF TACOMA – 2002

PRESIDENT	MICK PIER	KK7QS	847-8223
V PRESIDENT	RICH MANSON	N7ANF	474-8883
SECRETARY	ED ROOT	KC7OKS	851-7463
TREASURER	ROGER TERWILLIGER	WA7ANJ	475-4293
BOARD (5)	WORTH GURLEY	W7WG	582-3844
	MOREL GUYOT	W6LIX	838-5433
	GEORGE NOBLE	KK7FM	756-1127
	FRANK PALMER	AC7JY	539-7772
	JILL PALMER	K7JIL	539-7772

LOGGER'S BARK STAFF

EDITOR	LYNNETTE MARTEK	KD7BVO	826-0184
REPORTERS	SHIRLEY MURPHY	N7QHW	265-3661
	ROGER TERWILLIGER	WA7ANJ	475-4293
	DICK RYAN	W7RGD	627-0922
	JERRY SELIGMAN	W7BUN	845-7652
THIS MONTH'S FEATURE(S) BY: Rich N7ANF, Lynn KB6OKS			
COMPOSITOR	LYNNETTE MARTEK	KD7BVO	826-0184
PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM 2nd & 4th Wednesdays of each month at the Pierce County Library District Center, 3005 - 112th Street East, Tacoma, WA

W7DK/Radio Club of Tacoma

147.28 / .88 MHz	144.97 - Packet
147.38 / .98 MHz (PL 103.5)	
440.625 / 445.625 (PL 103.5)	

Reprinted to Correct any Omissions in the October BARK with the Editor's apologies.

RCT 147.28 MHZ TUESDAY EVENING NET

August 2002

NET CONTROL STATIONS

AUG.6 KD6ILO

AUG 13 KA7IOX

AUG 20 W7BUN

AUG 24 N7QHW

of Check-ins

K6EKB 1 Ed

KD6FEA 1 Richard

KD6ILO 3 Mario

KN6NU 1 John

KF6VFP 1 Curtis

W7AEA 4 Max

KJ7BN 2 Marilyn

AC7BU 2 Al

K7BUD 1 Bud

W7BUN 4 Jerry

W7DON 2 Don

W7EC 3 Hal

K7EOD 1 Scott

KC7EQ 2 Angela

WA7GHE 1 Eric

KD7GUK 1 Carrie

K7HW 1 Al

W7IMW 2 Jack

KA7IOX 2 Scott

K7ITX 2 Dick

K7JIL 1 Jill

KC7JME 3 Nora

KC7JPJ 3 Bruce

AC7JY 3 Frank

KD7KPY 1 Keith

KD7KPZ 1 Dana

AC7KQ 1 Ray

KD7KQE 1 Art

AC7LK 2 John

KD7NUV 3 Mickey

WA7OHG 4 Wade

N7OMS 1 Al

KD7OPO 3 Bob

K7PZF 3 John

KB7QAG 4 Jeff

KD7QBF 1 Mike

N7QHW 2 Shirley

N7QHX 2 Tom

N7QOZ 3 Bob

KK7QS 2 Mick

KK7QW 1 Pete

KD7QYT 2 Stev

K7ROL 1 Carc

W7RW 2 Anc

KD7RWT 1 Gir

K7SAA 1 Ed

W7SKI 2 Bo

KB7SVX 1 Jea

N7UFB 1 Ric

N7VIF 1 Pec

KC7VUM 4 Lo

W7WG 2 Wc

W7WIA 2 Oli

AB7WJ 2 Bil

KJ7XJ 1 Eri

KD7ZBN 1 Ed

KB7ZDR 1 Mic e

KB7ZT 1 Fre

ed: Please accep my apologies for omi sions in last mon s BARK.

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 253-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to lmartek@cs.com or mail to Lynnette Martek, KD7BVO, 308 118th Ave. Ct. E., Edgewood, WA 98372. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. *The Logger's Bark* does not verify or guarantee statements in the Sw c Wanted columns. Permission is granted to use any or all portic articles published in *The Logger's Bark* if credit line is included i th report.

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The Radio Club of Tacoma is a non profit organization as defin by law, and all proceeds will be used exclusively for charitable and du cational purposes.

Operators' Party Planned

"Putting W7DK on the Air" November 23rd at the ClubHouse - Digital Mode theme - also food.

)n the evening of Saturday, November 3rd, the Radio Club of Tacoma clubouse will be open for a night of operaons and fun.

tarting in November (with the exception of December) the radio club will ost an operators' night and would like) have members come to the clubouse and put W7DK on the air.

ach month we will have a different heme and hope to bring out experinced amateurs to help new hams to gain some on the air experience.

Our first operators' night theme is digital operations. We need hams that have CW, PSK 31, HF Packet and RTTY skills to operate the various stations at the clubhouse and expose these modes to other hams who may not be familiar with them. It will also be a great opportunity to meet other hams for some good old-fashioned socializing.

The clubhouse will be open from 6:00 PM until midnight+ and John AC7LK will be cooking SPAG and dinner will be served. If you don't know what SPAG is, sign up and come on down, I promise that it will be tasty! A sign up sheet is posted at the clubhouse. We need a count of heads for the cook!

Please sign up on the list or contact me if you can attend.

73's hope to see you at the clubhouse,

Lynn KB6OKS 253-853-5973
KB6OKS@JUNO.COM

OPERATING TIP OF THE MONTH

)o you know that the salutation "73" is already plural? It means, "Best Reards." When you tell someone 73s, you are saying, "Bestes Regardses." Show that you are an experienced operator, by saying, "seventy three" or seven three" at the end of your QSO.

"If I could solve all the problems myself, I would." Thomas Edison replied when asked why he had a team of twenty-one assistants.

Radio Club of Tacoma Meeting Minutes

RADIO CLUB OF TACOMA Board Meeting 9-4-02

The meeting was called to order at :32 PM by President Mick Pier, KK7QS.
Minutes: There wasn't a quorum at the ast Board Meeting, so no minutes ere recorded.
Correspondence: Bills, newsletters, nd a fire permit for the Flea Market.
Treasurer's Report: Published in the Bark. $594.02 income and $113.35 exenses for the month.
Committee Reports: Frank, AC7JY, eported that the Flea Market planing is going well, with a committee neeting to be held on 9-5-02. Building Repair Committee: We have a bid for nstalling four new windows for the lubhouse for $500. The Board asked or some more bids.
A discussion was held on methods of listributing the Bark.
Old Business: John, AC7LK, reported hat the RFI chokes and filters have been received. He requested an increase of $250 in approved funds for he purchase of an all mode VHF/UHF ransceiver He would like to buy a new adio rather than a used one. It was greed to wait until the overall station plan is approved.
A discussion was held on turning off the repeaters if improper usage is observed. There is need for a more active repeater committee. A discussion on repeater usage and misusage followed.
Present: Mick, KK7QS; Roger, WA7ANJ; Rich, N7ANF; Worth, W7WG; Morel, W6LIX; George, KK7FM; Frank, AC7JY; Jill, K7JIL; Ed, KC7OKS; Al B., K7HW; John, AC7LK; Bud, K7BUD; and Chuck, AC7QN.
The meeting was adjourned at 9:20 PM.
Respectfully submitted, Ed Root, KC7OKS, Secretary

RADIO CLUB OF TACOMA MEMBERSHIP MEETING 9-11-02

The meeting was called to order at 7:30 PM by Mick, KK7QS. He led us in the Flag salute, and a moment of silence for 9-11-01.
Introductions were made around the room. Applause received for visitors, upgrades, and new hams.
Illness or Silent Key: Max, W7AEA, has a sore throat; Nick, WA7IVO, suffering with kidney stones: Nora, KC7JME, has surgery scheduled.
Correspondence: World Radio News, bulk mail permit renewal, and newsletters.
Treasurer's Report: In the Bark. Next Board meeting will have the proposed budget for 2003 presented.
Nomination/Election Committee: Shirley, N7QHW; Scott, NF7Y; Chuck, KA7HJN. Nominations can be made to any of them.
Announcements: Frank, AC7JY, and Jill, K7JIL, were thanked for getting hats for the Flea Market workers. A Technician class will be held in October, and Jerry is signing up people for General and Amateur Extra classes.
Upcoming programs are 9-25: Dxpedition to the South Sandwich Islands. First October meeting "eyeball QSOs" at the clubhouse, nominations, and budget. Second October meeting: Nick, WA7IVO, will talk about commercial broadcasting stations on Tiger Mountain.
Tonight's Program: John, AC7LK, presented some of the things that the Planning Committee has been working on, and members present were invited to suggest future goals and activities

(Continued on page 9)

THANKS FOR "*DOING THE PUYALLUP*" IN 2002

It was a busy 17 days but a great big THANK YOU goes to all of you great volunteers that kept the Fair Booth staffed for all the shifts. We had persons staffing the booth for a total of 408 hours. All shifts were covered by the time the Fair started because you the volunteers were so willing to help out. It was also greatly appreciated that the changes needed to keep the booth covered were minimal last year and even less this year.

A big thanks also to Dick, W6PWR; Edith, KB7KSY; Jill, K7JIL; Frank, AC7JY and especially Kathleen, N0EYK who has that great talent of putting it all together and once again creating a very attractive eye catching display. She puts it together in such a way that it is a very positive image for our club and hobby as well. Thanks also to Dick, Edith and Jean, KB7SVU who helped break down the booth after the fair. Club members as well as the public again expressed many compliments on how nice the booth always looks. Shirley went to ICOM to pick up the radios, Dick returned to ICOM again this year with a radio that wouldn't work to get a replacement and Shirley returned the radios to ICOM upon completion of the Fair. A GREAT BIG "THANKS" TO ICOM for once again supporting our efforts at the Fair Booth by lending us radios for the duration of the Fair. Thanks to Jill, K7JIL, who harassed all of you to fill all those blank spaces for the Fair Booth staffing. Good work and thanks a bunch to each of you! It wouldn't happen without you.

A big thanks also to Jerry, W7BUN, who readily volunteered to organize the traffic handlers for our fair traffic and also filled in to pick up traffic when necessary. It has been a popular activity for the public and we sure appreciate the amateurs who helped out with this part of our fair activity. Thanks to the following who helped get the traffic on its way. Jerry, W7BUN; Don, K7QLC; Bill, KI7YK; Tom, W7PK; Al, AC7BU; Shirley, N7QHW; Jean, KB7SVX; Scott, NF7Y; and Hal, W7EC. And of course, we need to thank the WARTS net for taking the fair traffic and getting it on its way to its final destination.

The number of messages sent was 89 (which is up from last year) and they went to the following states, 3 to AZ, 7 to CA, 3 to MN, 3 to OR, 3 to FL, 1 to NY, 3 to SC, 4 to WI, 1 to OK, 2 to OH, 2 to MI, 3 to MA, 2 to PA, 1 to CO, 1 to GA, 1 to IA, 4 to NJ, 2 to HI, 1 to NV, 1 to KS, 1to ID, 3 to TX , 2 to NM, 1 to WY, 1 to Washington DC, 1 to ME, 1 to NH, 3 AK, 2 to UT and 24 to WA. This year, 2 messag were sent out of the country, one to Guam and one to On tario, Canada.

There were 840 Amateur Radio Operators that signed in our logbook. Mostly of course from Washington state (eas and west) and also from the following locations, 3 from T 7 from AZ, 2 from AK, 2 from FL, 1 from CO, 2 from CA, from SD, 3 from OR, 1 from HI, 4 from ID, 1 from NV, from NJ, 1 from MI, 1 from North Pole, 1 from OH, 1 fro GA, 1 from IA, 1 from Gatwick, England, 1 from Okinaw

THANKS to the following for staffing the booth and worl ing so well with the public. PHIL, W7PFZ; MARV, KC7JKA; DICK, W6PWR; EDITH, KB7KSY; ED, KC7OKS; JILL, K7JIL; BOB, W7SKI; DON, W7DON; HAL, W7EC; JEAN, KB7SVX; MICK, KK7QS; DAWN, KC7VZM; WORTH, W7WG; MOREL, W6LIX; AL, AC7B TOM, N7QHX; FRANK, AC7JY; BOB, KD7IBU; RICH, N7ANF; VERN, KD7GTZ; JEFF, KC7ZWE; MILT, KD7GUD; HARRY, W7HHP; ROB, WB7QCS; TOM, N7VDU; BILL, AB7WJ; NORM, KD7DCN; MARILYN, KJ7BN; JERRY, W7BUN; SCOTT, NF7Y; CHUCK, AC7QN; DANA, KD7KPZ; LOU, KC7VUM; SHIRLEY, N7QHW; GEORGE, KK7FM; JOHN, AC7LK; JEAN, KB7SVX; KERRY, WB7AKE; RICK, W7LKG; MICKEY, KD7NUV; MIKE, KD7QBF; GARY, W7NTF; JOHN, N7JFM; JOHN, K7PFZ; CONNIE, BILL, KD7KPV; PA KD7PKU; STEVE, KD7NEY; SUE, KD7NEX; MARK, KD7NEV; TODD, KD7NPT; HARRY, N7DOE; RICH, KK7VH; BRUCE, KC7JPJ; DENNIS, KA7IIV; NICK, WA7IVO; BOB, KD7IBU; GEORGE, KA7HGE; GARY, N7GWC; JIM, KC7SYT; LOIS, KC7SYU; CHUCK, N7ECW; FRANK, KB3NV; SHELLEY, W7ATB; DANN KC7KAN; BOB, KD7OPO; GWEN, KD7NES; PAUL, K7AXJ; and RICHARD, KD6FEA .

A special thanks to those volunteers standing by to fill i at the last minute whenever it was needed. They were Al AC7BU; JEAN, KB7SVX; FRANK, KB3NV; JERRY, W7BUN; ROGER, WA7ANJ; and WORTH, W7WG.

Many of the fair booth persons as well as the traffic han dlers did multiple shifts or times for handling traffic an t was greatly appreciated. Thanks again and don't forget help out again next year when we "DO THE PUYALLU Thanks one and all!! 73 Shirley, N7QHW

"The way a team plays as a whole determines its success. You may have the greatest bunch of individual stars in the world, but if th don't play together, the club won't be worth a dime." Babe Ruth

FIRST CONTACT AWARD

Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BU has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name id call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First Contact Awa will be issued.

ARES/RACES BY SHIRLEY MURPHY, N7QHW

opefully many of you met Mark, W7BBO, at the ARES meetng in October so now there is a face to go with the name and ıll. If you have questions or suggestions, please contact Mark t w7bbo@juno.com or give him a call at 253-857-5123.

ich Heasty, KK7VH, the Net Manager for Pierce County mateur Radio Communications Services nets is still looking ır volunteers to help run the net.

hirley Murphy, N7QHW, manages membership applications nd maintenance of the roster. Contact Shirley at 253-265-361 or via email at sundancealso@harbornet.com regarding ny questions or concerns relating to Department of Emerency Management Worker Identification Cards.

pecial Events Manager is Judy La Fleur, N7NII, who can be eached via telephone at 253-847-5198 (you must leave a mesıge and she or her representative will get back to you).

'e also have a new Medical Services Manager who is Pat ïicholson, N7WGR, and he is looking for volunteers to help ıpport the communications needed for medical facilities. ontact him at 253-864-6589 or via email at atn0011@earthlink.net.

lario Badua, KD6ILO, is leading the Emergency Communicaons Emergency Response Team. These are the folks that are he first persons to be called out for events. He has zones 3, 4, nd 5 covered but is looking for volunteers to cover zones 1, 2, nd 6. Volunteers would need a 4 wheel drive vehicle quipped with radios. Ideally, a 2 person team is desired but) get started, a single person can be a responder. Contact lario at 253-952-5880 or via email at kd6ilo@arrl.net.

WINTER WEATHER ALERTS!!

ctober marked the start of our windstorm season. October 2th was the 40th anniversary of the Columbus Day Storm, ıe strongest nontropical windstorm to strike the lower 48 in merican history. The Columbus Day Storm swept up the est coast from the Bay Area that morning, to southern Brith Columbia by midnight, killing 46 people, injuring hunreds more, knocking power out to millions, and blowing down 5 billion board feet of timber. All other windstorms are compared to this granddaddy of them all.

Pierce County Amateur Radio Communication Services net is on each Tuesday at 7 PM on the 146.640 MHz repeater until further notice.

Our flood season runs from November through February. The Pacific storm track usually begins to push one wet storm after another into our area. Several consecutive days of heavy rainfall can send our rivers and streams over their banks, creatıg major flood events like November of 1990 or 1995.

hen winter follows with snow, freezing precipitation, cold inds with blowing and drifting snow, and mountain avaınches. Significant snowfall has occurred as early as mid lovember in western Washington lowlands. How about hanksgiving of 1985, when up to a foot of snow blanketed arts of the area. Are you ready for fall and winter??

But be aware, fall is our second annual maximum for thunderstorms, funnel clouds, and tornadoes. Fall is also the peak of our fog season. So, this time of year offers plenty of weather for Skywarn weather spotters to observe and report. NOAA says that these reports play a critical role by providing "ground truth" of events in our areas.

Watch the NOAA website for future Skywarn weather spotter training classes. The web address is www.wrh.noaa.gov/seattle. My Skywarn Spotter News is the source for the above information.

I would like to once again encourage everyone to get active in ARES/RACES and get behind our new leadership persons and give them your support. We have a new web page address. It is http://piercecounty.tripod.com. Check it out and see what is happening. More information will be added as it is needed or becomes available. The net preamble is also available on the web page.

Thanks to all for your support of ARES/RACES. 73 Shirley, N7QHW

Pierce County Phone Numbers:

Pierce County Emergency Coordinator: Mark Yordy, W7BBO 253-857-5123;w7bbo@juno.com.

Assistant Emergency Coordinator/Zone 1 Manager: Rollo Van Slyke, N7JQ 360-876-2803; rollo@worldfront.com

Assistant Emergency Coordinators/ Anderson Island Managers: John Mollan, AE7P and Donna Mollan, WB7FDE. John and Donna can be reached at 253-884-1679; ae7p@arrl.net.

Net Manager for Pierce County Amateur Radio Communications Services nets: Rich Heasty, KK7VH 360-897-5676; rheasty@wolfenet.net

Membership Applications and Roster Maintenance: Shirley Murphy, N7QHW 253-265-3661; sundancealso@harbornet.com

Special Events Manager: Judy LaFleur, N7NII 253-847-5198

Medical Services Manager: Pat Nicholson N7WGR 253-864-6589; patn0011@earthlink.net

Emergency Communications Emergency Response Team lead: Mario Badua, KD6ILO 253-952-5880; kd6ilo@arrl.net

November Contest Calendar

2 IPA Contest, CW 0600Z-1000Z Nov 2 & 1400Z-1800Z Nov 2

2-3 Ukrainian DX Contest 1200Z Nov 2 to 1200Z Nov 3

2-4 ARRL Sweepstakes Contest, CW 2100Z Nov 2 to 0300Z Nov 4

For more contest details, go to www.arrl.org/contests

2-4 North American Collegiate ARC Championship, CW 2100Z Nov 2 to 0300Z Nov 4

2-4 ARCI Running of the QRP Bulls 2100Z Nov 2-0300Z Nov 4

3 IPA Contest, SSB 0600Z-1000Z Nov 3 and 1400Z-1800Z Nov 3

3 High Speed Club CW Contest 0900Z-1100Z Nov 3 and 1500Z-1700Z Nov 3

3 DARC 10-Meter Digital Contest 1100Z-1700Z Nov 3

8-10 Japan Int. DX Contest, Phone 2300Z Nov 8 - 2300Z Nov 10

9-10 WAE DX Contest, RTTY 0000Z Nov 9-2359Z Nov 10

9-10 OK/OM DX Contest, CW 1200Z Nov 9-1200Z Nov 10

9 Anatolian ATA PSK31 Contest 1800Z-2400Z Nov 9

16-17 LZ DX Contest, CW 1200Z, Nov 16-1200Z, Nov 17

16-17 All Austrian 160-Meter Contest 1600Z Nov 16 - 0700Z Nov 17

16-18 ARRL Sweepstakes Contest, SSB 2100Z Nov 16 to 0300Z Nov 18

16-18 North American Collegiate ARC Championship, SSB 2100Z Nov 16 - 0300Z Nov 18

16-17 RSGB 1.8 MHz Contest, CW 2100Z Nov 16 to 0100Z Nov 17

23-24 CQ Worldwide DX Contest, CW 0000Z Nov 23 to 2400Z Nov 24

23-24 ARRL International EME Contest 0000Z Nov 23 to 2400Z Nov 24

Coming up early December: December 6 - 8 ARRL 160 Meter Contest

Need Help with a Radio Problem?

The RCT Clubhouse is where many members gather on Saturday mornings.

This is the place to come if you have questions - there's always someone there who can help. If you haven't been to the Clubhouse, stop by and sign the book and visit with other members. If you need to, bring your radio, someone there is sure to be able to help you out.

Regular Saturday hours are 9 am to 2 pm.

Operators' Party at the ClubHous

November 23rd

6 p.m. till Midnight or beyond? (there will be food)

Featuring: Digital Modes

CW, PSK31, RTTY, HF Packet

Advance sign up at clubhouse or call Lyn at 253-853-5973

Pacific NW Hamfests

November 9, 2002.

Mount Baker Amateur Radio Club Flea Market, Bellingham, WA.

9 a.m. to 2 p.m. at the Hampton Inn, Bellingham. (I-5 Exit 258 then west on Airport Roa to Bennett - north to the Hampton Inn)

Talk-In 146.74/14 repeater

November 30th Mini Swap Meet at the Clubhouse

9 a.m. to 2 p.m. There will be food (hot dogs, etc.)

Bring in your items you want to swap o sell or stop by to see what others bring.

PINOCHLE & POTLUCK

See you November 2nd!

For info call: 253-759-4898

Jack, WA7ENB & Marilyn Moore

Other fall/winter gatherings on 1st Saturdays

Every Saturday the Clubhouse is open from a.m. to 2 p.m.

Nov. 13th

UPCOMING PROGRAMS AT RCT

Nov. 27th

VEDNESDAY, NOVEMBER 13 - STEALTHY HAM RADIO INSTALLATIONS: Terry Dettmann, WX7S, from SGC n Bellevue, WA, will introduce some of SGC's equipment that can help with antenna restrictions affecting your house or apartıent. SGC produces two kinds of equipment that are useful for stealthy installations, low power transceivers and antenna couılers. Terry will demonstrate the equipment from SGC, and then talk about creating hidden antennas for restricted environıents. Terry has been licensed since the early 1960s. His major interests are QRP, portable operation, and antennas. He is ery active in ARES and RACES operations in King County.

VEDNESDAY, NOVEMBER 27 - THE WORLD RADIOSPORT TEAM CHAMPIONSHIP 2002: This July, the best mateur radio operators in the world were invited to Finland to compete in 52 two-person teams to determine the "best of the est." Ward Silver, N0AX, from Vashon Island, met in Helsinki with over 300 other amateurs. He was a referee for one of the eams, and later wrote the WRTC article in the October QST Magazine. He will present a visual and oral travelogue through 'inland. Ward has been licensed since 1972. He is an engineer, author, and teacher. His primary interests are DXing and ontesting and also works to develop local emergency communications capabilities.

ARRL RCT VE Team Report by Shirley Murphy, N7QHW

)ctober 2002 again was a very busy month for the VE Team. We held two different testing sessions, our regular one and then n extra one in the latter part of the month for an additional Technician Class that had to be scheduled because so many people igned up to learn and get their license. The second session will be included in our next report.

'wenty-four people tested during the VE Testing session on October 8, 002. Out of the 24 people, 4 people upgraded their license. Of the remain- ıg 20 persons, 14 people achieved a new license, and the remaining six peo- le were not successful in their attempt to pass the requested test element.

)verall, there were 22 test elements given. 16 were passing and 6 fail- ıres for a percentage rate of 73% passing. There were 2 paper upgrades o General Class. Achievements included 16 Technician Class license, nd 4 general class license.

16 New Technician Class Amateurs on October 8th!

WOW! *Congrats to All!!*

Congratulations to the group of instructors who prepared the people so well that most of them were successful at this esting session. Thanks to the VE Team members who help make our testing sessions run so smoothly. It is very much ppreciated and couldn't be done without you.

73, Shirley, N7QHW, Radio Club of Tacoma VE Team Liaison

Amateur Radio License Instruction at RCT

Next No-Code Technician Amateur Radio License class to be held in December

Radio Classes Offered

The next Radio Club of Tacoma class for the No-Code Technician Amateur Radio License is scheduled for a weekend in December. October was a busy month at the clubhouse with TWO sessions of the class due to overflow enrollment. Jerry W7BUN credits the sign-up list at the Puyallup Fair with bringing our class to the attention of many potential amateurs. Instructors for various sections of the October classes included Jerry W7BUN, Lynnette KD7BVO, John AC7LK, Nick WA7IVO, Rich N7ANF, and George KK7FM. Anyone interested in the next class should contact Jerry W7BUN at 253-845-7652 or w7bun@wa.net for information.

W7BUN also offers classes for upgrading your license. For information about either the General class or Amateur Extra class course, contact W7BUN. The General class meets weekly for five evenings, the Amateur Extra class meets weekly for eight evenings. License manuals will be available. Again, contact Jerry W7BUN for information.

Contact Jerry W7BUN at 253-845-7652 or w7bun@wa.net for information about enrolling in any of the amateur radio instruction classes.

19 attend 10 Meter Operating and Pizza Party at the Clubhouse in October

The clubhouse opened for a special operating party Sunday afternoon following the completion of the two-day Technician class at 5:00 pm on October 10. The class was invited to attend, but all were too tired to deal with any more radio! I wonder how many of them went home to study.

Our station manager, Lynn, KB6OKS, was out of town and no one was scheduled to conduct the 10 meter net. We took advantage of the vacancy to hold an operating party emphasizing H.F. operations for tech class hams interested in obtaining H.F. experience and advancing their licenses. Nineteen people attended although only seventeen were signed in. The net was conducted by a team of three enthusiastic techs: Doug KD7SQR, Todd KD7NPT and Steve KD7QYT.

In addition to the operation of the two H.F. stations, the PSK station was also in use and several contacts were made on phone as well as PSK.

Papa John's donated more pizza than could be consumed, and it was greatly enjoyed by all. Special thanks to Marty KC7ZWG, and Papa John's.

Look for more special operating parties in the future. Mo are already being planned and we hope for even more interes and participation. 73 John AC7LK

Special thanks to Marty KC7ZWG and Papa John's Pizza!

See pg 4 for next C Party details

10 Meter Net Checkin List for September 2002

AC7LK John (5)	K7ROL Carol (5)	W7AEA Max (4)	AA7ET Ray (4)	K7JIL Jill (4)
AC7JY Frank (4)	WA7OHG Wade (4)	KK7QW Pete (4)	KD7AAG Mark (3)	WA7GHE Eric (3
AC7QN Chuck (3)	AC7BU Al (2)	W7WG Worth (2)	W9BYH Bill (2)	K7AHB Al (1)
N7ANF Rich (1)	N7BUW Bob (1)	KE7CG Bill (1)	K7DUN Norm (1)	WA7IVO Nick (1
K7JF Jeff (1)	KA7OBQ Mark (1)	KB60KS Lynn (1)	KC7OQN John (1)	KK7QS Mick (1)
KD7RWT Gino (1)	KC7USS David (1)	W7WIA Oliver (1)		

10 Meter Net every Sunday 8 PM, on 28.375 MHz US

(Continued from page 4)

for the club.
Committee Reports: Mick reported that a sub-committee of the Repeater Committee will be monitoring the repeaters. Flea Market: More help is still needed. Newsletter (Bark): Let the editor know of any problems.
Thanks to the person who anonymously brought cookies to the meeting.
Good of the Order: Jerry reported that a Pentagon Special Event station will be on the air 9-11 and 9-12.
50/50 raffle for $33 was won by Ed, KC7OKS.
39 signed the attendance roster.
The meeting was adjourned at 9:22 PM.
Respectfully submitted, Ed Root, KC7OKS, Secretary

The world is moving so fast these days that the man who says it can't be done is generally interrupted by someone doing it." Harry Emerson Fosdick

Radio Club Of Tacoma Membership Meeting 9-25-02

The meeting was called to order at 7:30 PM with the Flag Salute led by President Mick Pier, KK7QS.
Introductions were made around the room. Applause was received for visitors, upgrades, and new hams.
Illness or Silent Key: Nora, KC7JMI is doing well at Madigan; Max, W7AEA, is still a little under the

(Continued on page 1)

RCT 147.28 MHz Tuesday Evening September 2002 Checkins to Tuesday Night Net

Net Control Stations: Sept 3rd KK7QS; Sept 10th KA7IOX; Sept 17th W7BUN; Sept 24th K7BUD.

N2IKD 2 JOE	KC7JPJ 4 BRUCE	N7QOZ 4 BOB	KD6ILO 1 MARIO	AC7JY 4 FRANK	KK7QS 3 MICK
KN6NU 1 JOHN	KD7KPY 2 KEITH	KK7QW 1 PETE	W6PWR 2 DICK	KD7KPZ 1 DANA	
KD7QYT 1 STEVE	KD7AAG 1 MARK	AC7KQ 2 RAY	KD7RNJ 2 RICK	W7AEA 4 MAX	AC7LK 3 JOH
K7ROL 3 CAROL	N7ANF 2 RICH	KC7MTN 1 JIM	WA7RSO 1 DAVE	KJ7BN 1 MARILYN	
KD7NES 3 GWEN	W7RW 3 ANDY	AC7BU 3 AL	KD7NPT 1 TODD	W7SKI 1 BOB	K7BUD 3 BUI
KD7NUV 4 MICKEY	KD7SQR 1 DOUG	W7BUN 4 JERRY	WA7OHG 4 WADE	KB7SVX 3 JEAN	N7CEO 1 LIN
KC7OKS 3 ED	KC7VUM 3 LOU	W7DK 2 RCT	KD7PAU 2 JOE	W7WG 2 WORTH	W7DON 1 DN
KD7PTF 1 JEFF	KC7WIL 1 BOB	W7EC 2 HAL	K7PZF 3 JOHN	AB7WJ 3 BILL	K7HW 2 A
KB7QAG 3 JEFF	WG7X 1 GARY	KA7IOX 4 SCOTT	KD7QBC 1 GEOFF	KJ7XJ 1 ERIC	WA7IVO 1 NIC
KD7QBD 2 LUCAS	KB7ZBN 2 ED	K7JIL 4 JILL	N7QHW 3 SHIRLEY	KC7ZWM 1 JILL	
KC7JME 2 NORA	N7QHX 3 TOM				

FLEAMARKET 2002 Frank Palmer AC7JY Fleamarket Chairman 2002

This is the formula for what it takes to have a successful Fleamarket! Club participation is the KEY! Thank you to ALL listed and anyone I may have neglected to list.

NORA SIMMONS(KC7JME); Nora in spite of all her pain, was the treasurer for the fleamarket. She initiated the reservation process and kept track of funds up until the time she went into the hospital to have her back surgery.

JOHN SIMMONS; If no one showed up except John, he would know what to do and when to do it. He is definitely the set-up expert. Works too hard!

CHUCK SOUTER(KA7HJN); One of my top advisors. As always, he was there to help scoot the tables into place. He stood guard at the vendor/check-in area, making change and taking "on the spot" table reservations. Chuck filled in at the ticket booth, and was one of our BEST gofers! He also played a major part in clean-up.

JOANNE SOUTER(WA4KZQ); Joanne worked with the "food sales" team and also was a gofer.

THE PIER FAMILY: MICK(KK7QS); DAWN(KC7VZM); MARIE PIER; They ran the food booth which involved lots of planning, preparation and legwork. It was a great success!

JOHN CLARKE(K7PZF); John was also a big help with set-up. He stood along-side Chuck with vendor packets. He also directed the vendors to their buildings, and kept things running smoothly. He was there from start to finish and filled in where ever we needed him.

CONNIE CLARKE(XYL); Connie helped set-up the ticket booth Friday afternoon and filled in on the reservation team. Saturday she sat in her own cage and did a wonderful job selling raffle tickets, assisted with the raffle drawing, as well as helping with clean-up.

BRUCE PAILLETTE(KC7JPJ); He was there early Friday for set-up help and Saturday he was a valuable road guard near the entrance of the park to keep things going in the proper direction.

LOU METZ(KC7VUM); Lou helped in the pre-cleaning of some of the tables we used for the vendors.

JACK DAVIS;(W7IMW); Jack also helped with the pre-cleaning of the vendor tables and took a turn filling in at the Country Store, along with being a good gofer.

JEAN TRELOAR(KB7SVX); He was one of the first ones there on Friday to set-up for the talk-in station. He manned that post from beginning to end. He also did many P.A. announcements for us from his motorhome.

JILL PALMER(K7JIL); Mastermind of check-in area and raffle drawing. She was the reservation processor and admission ticket seller, greeting everyone with a smile and welcome. She was acting treasurer of the event in Nora's absence. She was also a good gofer, and helped with clean-up.

ROGER TERWILLIGER(WA7ANJ); Roger was also one of my top advisors, a gofer, and I saw "sweat" while he was helping to clean up!

ED(KC7OKS); Ed...AKA...FRED helped haul equipment and set up signs. He took charge of security. He helped with some of the video work and stepped right in to help clean up.

CHUCK KEMMER(AC7QN); He ran the Country Store, which included: hauling the equipment from the clubhouse; setting up tables and displays; and manning the booth for most of the event. Chuck also played a major part in clean-up right to the last minute.

BRUCE ALLEN(N7MI); He was a vendor who volunteered to help with Nora's consignment goods, since she had to go into the hospital. He examined and priced all the equipment and even toward the end of the event, he came to the Country Store and conducted an auction to help sell Nora's equipment, plus other equipment that we wanted to move from the Country Store. He had a great response. He's not a member yet, but I'm still working on him.

RAY WINTER(AC7KQ); To start with, Friday was Ray's birthday and already he had brought the raffle ticket booth for us. He helped place the various road signs. He was at the vendor's service when it came to accommodations for them such as electrical hookups and access. He helped with the traffic flow set-up and was a part of just about every set-up aspect that we did. He was a "kingpin" in radio communications within the park. Unsurpassed at clean-up time!

BILL JONEZ(AB7WJ); Bill was there to direct traffic, both into and out of the event. He also had to be the "answer man" for a lot of the patrons.

JESSICA PALMER(KC7ZWM); Jessica helped bring in some of the demo equipment and helped prepare with the raffle drawings. She was a very fast gofer and helped with clean-up.

MARILYN OLSON(KJ7BN); Marilyn stood faithfully at the ticket booth making certain that each and every one had a wristband. She assisted many with putting it on. She also helped fill in with ticket sales.

MIKE COMPTON(KB7ZDR); He was part of the break-down/clean-up crew that I couldn't run fast enough to keep up with.

GEORGE NOBLE(KK7FM); George was a great advisor and also on the fast moving clean-up crew.

JERRY SELIGMAN(W7BUN); We owe a special thanks to Jerry for all of his promotion of the fleamarket, including mention on multiple nets, distribution of fliers and by word of mouth. It definitely made a difference.

KEITH MARSHALL(KD7KPY); "Man with the camera!" He covered the complete event, getting still shots and videos of who we are and what was going on. It will be fun to see, and will be a great addition to our archives.

DANA MARSHALL(KD7KPZ); Dana worked the duration at the Country Store and also helped with on site radio communications.

(Continued on page 11)

(Continued from page 10)

SHIRLEY MURPHY(N7QHW) Assisted by Tom Murphy(N7QHX) the VE team did an outstanding job with a record number of people testing at that site. Others on the team were; Worth Gurley(W7WG), Roy Myers(WA7UZL), Bob Tompkins(KD7IBU), Jim Lawrence(N7RHX), Chuck Souter(KA7HJN), Don Olson(W7DON), George Noble(KK7FM), Alan Hughes(KB7SVU), and John Black(N7KN).

LORRAINE ROBERTSON(KA7WGG) & RICHARD KEAR(KD7KEA); The people who bring us the CAP cadets, who always do such a great job of guarding our doorways, and checking for proper proof of admission.

To everyone who participated, a big thank you for making this year's RCT fleamarket a very successful event.

Frank Palmer, AC7JY

2002 RCT Fleamarket Chairman

FLEAMARKET REPORT

September 14, 2002

INCOME

ADVANCE FROM RCT	$1,000.00
CHECKING ACCOUNT	$500.00
ADMISSION SALES	$2,645.00
TABLE SALES	$2,038.00
RAFFLE SALES	$490.00
FOOD SALES	$307.58
COUNTRY STORE	$541.93
TABLE REFUND	$128.24
	TOTAL $7650.75

EXPENSES

ADVANCE FROM RCT	$1,000.00
CHECKING ACCT	$500.00
RENT ON FAIRGROUNDS	$487.50
MAILING COSTS	$571.68
TABLE RENTAL	$601.52
MISC MATERIALS	$204.55
CAP CADETS	$100.00
PRIZES	$94.65
REFUNDS	$29.00
	TOTAL $3588.90

To everyone who participated, a big thank you for making this year's RCT fleamarket a very successful event.

INCOME	$7,650.75
	MINUS
EXPENSES	$3,588.90
NET PROFIT	$4,061.85

(Continued from page 9)

weather; Morel, W6LIX, is doing well.
Correspondence: Address corrections, phone bills, utility bill, newsletters, bank statements, and a Flea Market equipment refund.
Treasurer's Report: The Treasurer was absent.
Announcements: Shirley, N7QHW, asked that nominations be submitted to her, or Scott, NF7Y, or Chuck, KA7HJN. She also thanked all who helped at the Western Washington Fair Hobby Hall booth. Ed, KC7OKS, requested that everyone check at the front table for badges that have been ordered. George, KK7FM, announced the Scout Jamboree on the Air will be held the weekend of October 19, 2002. Jerry, W7BUN, announced that the Technician class was filled for October 5th. We will be signing up students for a second October class. General and Amateur Extra classes still have spaces available. Jerry also told us of an FCC weather emergency alert.
Upcoming Programs: October 9: "Eyeball QSOs" at the clubhouse, and nominations. October 24: slide show about commercial FM broadcasting facilities on Tiger Mountain.
Tonight's Program: A video of a DXpedition to the South Sandwich Islands.
Tuning and Traffic: In the Washington Salmon Run (QSO Party) contest last weekend, Jerry's station worked eight Canadian provinces, 49 U.S. states, 30 Washington counties, and 57 countries. It was reported that Sudan was on 15 meters today.
Repeaters: 147.88/28 seems to be working very well now.
Good of the Order: Door Prize drawings, money clip knifes won by Fred, KC7OKS, and Jack, W7IMW. 50/50 drawing of $32.50 was won by Jean, KB7SVX.
38 signed the attendance roster. The meeting was adjourned at 8:45 PM.
Respectfully submitted.
Ed Root, KC7OKS, Secretary

MEMBERSHIP RENEWAL FORMS IN THIS MONTH'S BA

Please find the Radio Club of Tacon Membership Renewal forms in this month's Bark, fill them out and sen them in.

If you have already sent in your renewal and don't need the form we'v sent, pass it along to someone else that you think would enjoy being a Club member.

At the RCT, the upcoming year wil e a great time to be a member and yc won't want to miss a day!

"Never doubt that a small group thoughtful, committed people ca change the world.

Indeed. It is the only thing that e has."

Margaret Mead

TREASURER'S REPORT

SEPT 2002

de Roger WA7ANJ

NCOME

BADGE SALES	$24.00
BOOK SALES	206.00
FIELD DAY	9.87
DUES	15.00
REFUNDS dk@beach	29.75
TOTAL:	$284.62

XPENSES

BADGE COST	$38.08
BOOKS COST	512.43
COPIER EXPENSES	125.00
EVENTS	108.21
MAIL (bulk)	150.00
MISCELLANEOUS	171.48
TAXES (prop-1/2)	813.71
TELEPHONE	65.78
TOTAL	$1984.69
NET:	**-$1700.07**

Editorial by Lynnette KD7BVO

This is such an great time for me to be Editor of the BARK. From Pinochle night to the W7DK Operators' Party, "there's always something..."

You members who were around when the RCT decided to buy a house and turn it into our clubhouse took a big step that I think makes our club extra special. I suppose all of us who are hams enjoy the hobby but our club, the Radio Club of Tacoma, is remarkable.

Is there another radio club anywhere that does as much as we do or has as many facets as ours does? I don't suppose there's a way to find the answer to that question.

My own experience is limited as far as radio clubs go. The one other club we joined before the RCT had some radio equipment in a closet that they opened on meeting days once a month but I never saw it powered up. At our clubhouse, you'll find all kinds of radios and if not all modes, almost all.

For any of you who might be new and have questions or need help with anything, please know that there are many members at the Clubhouse on Saturdays who are more than happy to help you with any problem you might have. So don't hesitate to stop by the Clubhouse to visit.

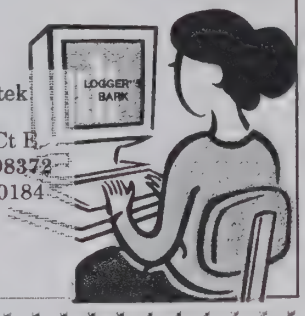
In this month of Thanksgiving, I say "thanks" to the RCT membership for asking me to put your BARK together. I'm having fun with this and hope you are enjoying reading about your club and learning more about our hobby.

Happy Holidays to All!

Lynnette Martek

308 118th Ave Ct E.
Edgewood, WA 98372
or call 253-826-0184

Email to
lmartek@cs.com



Congratulations to Mr. and Mrs. Al Burleson on the occasion of their 50th Wedding Anniversary this month. Al, you do so much for the club and as they say "Behind every great man there's a great woman." Best Wishes for many, many more!

etter to the Editor

reference to the story in last onth's Bark about the balloon supting the Delta Loop: Lynn, B6OKS, supported a 160-meter ertical at our Field Day 2001 with s balloon. It was about midnight the time he started making conacts. We broke into the only QSO the band, no contesters heard. hen several other stations into the lidwest came on calling us, but acvity was limited. I hope he brings is balloon to next year's Field Day.

Vorth W7WG

on't be afraid to stumble. Any inventor will l you that you don't follow a plan far before u strike a snag. If, out of 100 ideas you get e that works, it's enough." ..Charles F. Ketring

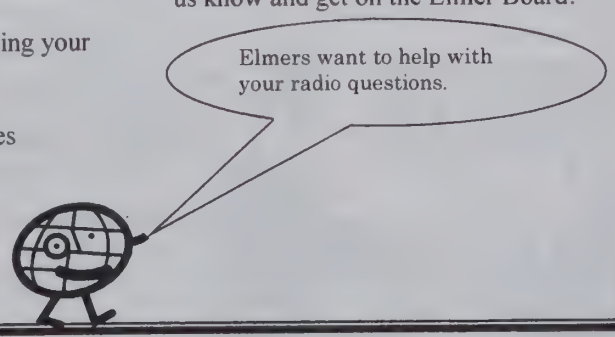
ELMER BOARD

Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members' areas of interest.

1.Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment
12. IRLP

Name/Call Sign	Help with topic	Phone Number
Jerry, W7BUN	1,4,6,9,10	253-845-7652:
Alan, KB7SVU	4,5,10	253-840-4947
Frank, AB7YZ	2,3	253-752-8520
Roger, WA7ANJ	1,2,3,4,7,8,11	253-475-4293
Angela, KC7EQ	2	
John, AC7LK	12	253-984-6709
Mick, KK7QS	12	253-847-8223

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the Elmer Board!



MUSEUM MUSINGS by Worth W7WG

Forward to the Past: Amateur Radio during the Last Century

Helpers at North Kitsap: Les Fries KA7MYU; Harry Wong N7DOE; Rich Manson N7ANF; Bruce Franklin K7DYY; and Nick Winter WA7IVO. Thanks from W7WG

It was not a "Dark and Stormy Night." It was an exceptionally bright, lovely morning. As I drove the nattily attired professor to the site of his terrific, scientific lectures I managed to accomplish a feat few can achieve: I, on my 5th or 6th trip, even with directions, managed to get lost on the way to the Kitsap County Fairgrounds, becoming late.

After ignoring a certain amount of ribbing from our eager crew, who had been waiting for over 30 minutes, we were greeted with friendly hospitality by the North Kitsap Amateur Radio Club committee members. We were issued our staff badges and directed to our two tables by the back door, the same as in earlier years when Mac and Morel wowed them with their sending, using the Museum's old-time bugs.

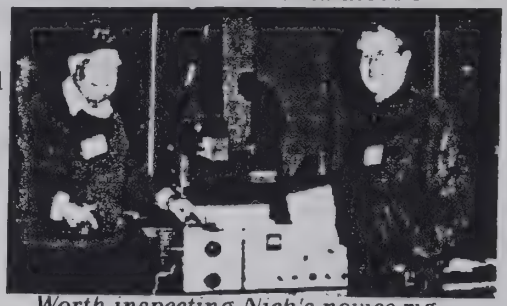
Harry, Les, Nick, and others quickly carried in our generous sample of antique rigs (the same as at our Flea Market) from the RCT Doc Spike Memorial Museum, plugged selected rigs in and hooked up the Museum's Atlas 210x (donated to the Museum by Mario) to the 40 meter inverted V previously erected for our use. Harry broke into a familiar 40 meter net with no difficulty and made other contacts on both 40 and 15. The super-large key for "Left-foot" CW sending again attracted amused attention and laughter when they tried it.

In the meantime Professor Rich, N7ANF, had put up his convertible J-Pole/Zepp/ Dipole live demonstration equipment with learned handouts and was expounding theory to the hams who stopped by.



LEFT: Rich's live demonstration of 2m antenna types: zepp, j-pole, dipole, double zepp, etc. with Les, Rich, and Nick.

Nick had set up his very well-constructed crystal controlled novice rig with tuner that he had made from an article in the Radio Amateur's



Worth inspecting Nick's novice rig he made all those years ago

Handbook of that time in the 60s. That rig, which created interest and favorable comments, started Nick on a career, which now involves installing those huge FM broadcast transmitters up on mountaintops (topic of his talk at the 10/23 club mtg).

Then, on schedule, Bruce Franklin arrived, again with an operating Forest Service AM transceiver, this time from the British Columbia Forest Service. It is an extremely nice appearing rig,



Visiting Michael Compton KB7ZDR and chief op Harry Wong N7DOE

modified to operate on the AM net frequency in the 75-meter phone band.

We had neglected to inform the NKARC committee the need for an 80 meter antenna but we hurriedly put up a wire we could tune up. However, Bruce made no contacts as he was crystal controlled on one frequency on 75 m in the middle of the day. He was able to locate and purchase in the Flea Market two rechargeable batteries, which just fit into his lovely little FS rig next to the power supply, making i portable...if you have been working-out.

For our noon schedule on 20 meters with Lynn portable at his family's (since his grandfather's time) cabin on a lake in VE3 land, we borrowed the 2 m dipole coax connection from the PSK31 demo on a neighbor's table. The designated frequency was busy with a net; so I called a kilohertz or so away for KB6OKS/VE3. Suddenly, a loud, authoritative voice directed us to move at least a couple more KHz away Harry remarked that we must be getting out; however, we heard no Lynn.

[It might be reported here, in case it is not in other parts of this Bark, that Lynn took his little TS 706 and dipole with him in a briefcase on the plane to a family reunion in Pennsylvania. He then went up to Ontario, Canada, to the family cabin where he put up the dipole as an inverted V, I believe. He made it long enough for 40 m, then folded the ends back enough to resonate on 20 m, even more for 17 meters We made a couple good contacts on 17 meters on schedule, and he worked many other stations back there where bands are much more crowded.]

My mentors, Les and Harry, insisted that the professor and I follow them home to prevent our straying yet again. It worked, except within a mile of the clubhouse they took an unscheduled sightseeing tour we refused to follow.

It was a very successful expedition for the Doc Spike Memorial Museum, showing the Club's colors..well, banner in the distant territory of Kitsap. We were appreciated and treated very hospitably by the North Kitsap Amateur Radio Club as always. This time our team did all the work and I was able to just play.

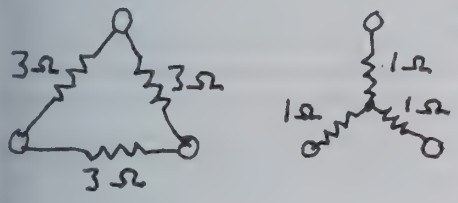
"You are never too old to set another goal or to dream a new dream. "

Les Brown

Challenge!

ast month's challenge was: A sealed metal box has ıree terminals. Two ohms can be measured between ny two terminals. What are the two possible circuits ıside the box?

nswer: Either a delta circuit of three ohm resistors - a wye circuit of one ohm resistors as pictured here.



hallenge for November: How can it be de- rmined which of the two circuits is in the box?

rizes for correct answers. Send answers to the ark editor before November 15th.

he man who is too old to learn was probably always too d to learn." Caryl Haskins

A great cookie for Amateur Radio Meetings

APPLESAUCE JUMBLES

3/4 Cups All-rpose Flour

tsp grd cinnamon

1/2 Cups packed own sugar

tsp vanilla

tsp salt

4 tsp grd cloves

2 tsp baking soda

cup raisins

4 cup applesauce

cup chopped nuts

2 cup shortening

eggs

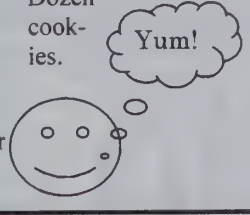
ix all ingredients cept glaze (glaze cipe below). (If ugh is soft, cover d refrigerate.)

Heat oven to 375°. Drop dough by rounded teaspoonfuls about 2 inches apart onto ungreased cookie sheet.

Bake until almost no indentation remains when touched, about 10 minutes.

Immediately remove from cookie sheet.

Cool; spread with Browned Butter Glaze. 4 1/2 to 5 Dozen cookies.



Browned Butter Glaze

Heat 1/3 cup butter over low heat until golden brown; remove from heat. Stir in 2 cups powdered sugar and 1 1/2 teaspoons vanilla. Beat in 2 to 4 tablespoons hot water until smooth and of desired consistency.

From Gold Medal Century of Success Cookbook

ed: these cookies were a great hit when brought by Connie to a club meeting -we thought you'd enjoy having the recipe for the Holidays.

QSL Card of the Month



The Niger Republic



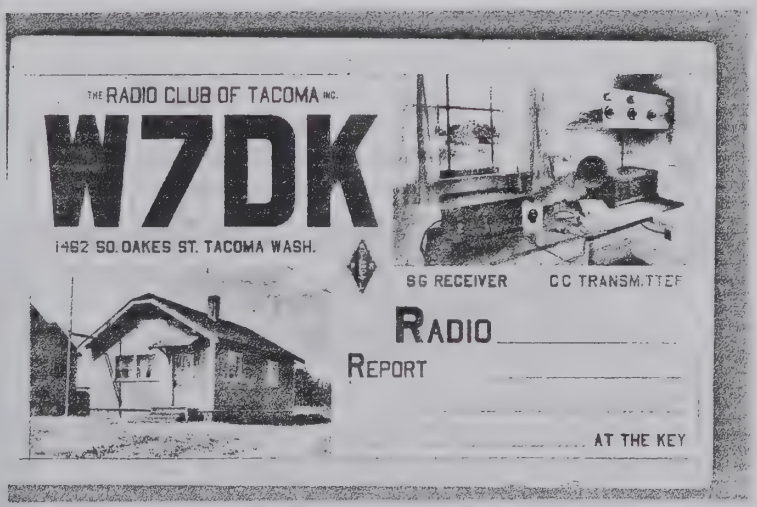
The Niger Republic is a large landlocked country in West Africa. Lying mainly in the Sahara, it consists of desert in the north merging to semidesert in the south and rising to central mountains. In the southwest it is drained by the River Niger, bordered by fertile flood plains. The economy is mostly agriculture, particularly livestock raising.

During the last 30 years the Niger Republic has suffered badly from repeated droughts. Crops include groundnuts, millet, beans, cassava, cotton, and rice. Mineral resources include tin and uranium.

CLUB HISTORY

Look What We Found!

Do You Remember This?



Thanks to Worth W7WG for sending this in my direction: ed.

What Do You Do With a Rubber Ducky?

A little column for newly licensed hams wondering what to do after the thrill of the new license and hand-held radio wears off.

By Rich N7ANF

I've been noticing some of the new people wandering around kind of glassy-eyed and confused not even knowing what questions to ask. (As they say: "done there been that, got the T-shirt" and I think I'm still there.) I think I can help the new folks 'cause I know just what it feels like. By the way, it's a dangerous thing to take one's self too serious, I'll try not to, and I'm sure you won't.

Well, what DO you do with a rubber ducky? You could sit across the room from each other, bend your ducky antenna back, and blip bent pieces of wire at each other. Or you could work simplex across the room. That'd be



cool. In some cases you could even reach a repeater or two. Even more if you step out on the front porch. Here you are, sort of stuck on vhf/uhf kind of feeling, left alone and isolated. So where do you turn? To other new hams? You could try to find an "Elmer" or an amateur mentor to encourage and aim you in the right direction. But that's not always possible.

I'm so excited (well, glad anyway) about all the help coming from a number of our new members who have recently upgraded. They are putting out all kinds of energy and ideas with a generous and healthy attitude of giving and teaching. And our club is fortunate to have so many older members willing to help and encourage.

I remember my Elmers, back in the '50s (that's the 1950s) and how much they taught me. I just wish they would have schooled me more on antennas guess it was assumed that a kid on t HF novice band (that's where we started back then) would load up th end of a piece of wire with a simple antenna tuner and that was that. W VHF/UHF you can do so many more really cool things with parts from ar old TV antenna or aluminum from a surplus scrap yard. There is no reas we shouldn't have a good to excellen signal around town or the state for that matter. It's amazing what can happen with enough aluminum.

So have fun on VHF/UHF and we might see you next month. In the meantime, stop by the clubhouse on Saturday mornings or attend a mee ing. You'll find people there who wil be glad to meet you and help you en your new hobby to its fullest.

Rich, N7ANF

MEMBERSHIPS

NEW MEMBERS: W7EG

Robert Honan KD7QLJ RCT 2152

4118 N. 18th St.

Tacoma, WA 98406-4716 253-752-1918

Email: kd7qlj@arrl.net

MEMBERSHIP RENEWAL FORM IN THIS ISSUE OF THE BARK - SEND YOURS IN!

REINSTATEMENTS: NONE **SILENT KEYS: NONE**

ADDRESS/PHONE CHANGES/CORRECTIONS

Alvin Campbill KA7BIY

191 DFern Dr.

Centerton, AR 72710

Email Address Changes, Additions, New Calls, Upgrades: None Reported

DIRECTIONS TO THE CLUBHOUSE:
1249 South Washington Street, Tacoma, Washington

FROM I-5: Merge onto WA-16 W via exit number 132 toward GIG HARBOR & BRE ERTON GO 1.12 miles

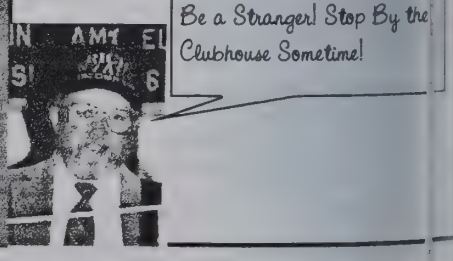
Take the UNION AVE. exit. On South U ion Ave, turn RIGHT AND GO .81 miles t the North to 15th Street.

(15th Street is a stop light with a left turn lane.)

Turn LEFT onto S 15TH ST and go 1BLO towards the West. (0.07 miles)

Turn RIGHT onto S WASHINGTON ST. And go about 0.15 miles North to the club house - It's on the East side of the street w a radio tower. Park on the South or North side of the building.

Most members come in through the back door. No need to knock - it's your clubhouse, jus come on in. Usually Rich N7ANF is ther greet you and offer you a cup of coffee and show you around. Bring a friend to have look at the museum; there's always someo to talk to, something to look at.



Sunshine & Congrats

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please contact Jill Palmer, K7JIL, 253-539-7772 or e-mail hamtalker2@msn.com (note NEW email address)

Holiday Greetings

If you would like to send a Holiday greeting to your fellow club members, send a note to the BARK Editor to include in next month's issue. Please send by November 20th or you take a chance it won't get in.

News from the ARRL

de Jerry, W7BUN

"GOOD AMATEUR PRACTICE" MEANS NEVER HAVING TO SAY YOU'RE SORRY

FCC Special Counsel Riley Hollingsworth has endorsed a list of several points that he feels help to define the concept of "good amateur practice." Section 97.101(a) of the Amateur Radio Service rules refers to "good engineering and good amateur practice"--considered to refer to maintaining the highest standards of engineering and on-the-air comportment.

Good amateur practice is a hard thing to define," Hollingsworth conceded. "I'd have to say it's operating with the realization that frequencies are shared, that there's going to be occasional interference and that's no reason to become hateful and paranoid."

Hollingsworth says amateurs have to realize that more people than ever are listening in, especially since September 11, 2001, and that amateurs always need to remember that "our rights end where another person's begin."

A Michigan amateur radio club has been credited with distributing a list of "Riley-isms" culled from Hollingsworth's various talks at conventions and hamfests and club meetings around the US. Hollingsworth, who verified that he had been cited accurately, says his various comments represent an effort to flesh out what "good amateur practice" consists of for the Amateur Radio operator. According to Hollingsworth, good amateur practice means:

giving a little ground, even if you have a right not to, in order to help preserve Amateur Radio and not cause it to get a bad name or hasten the day when it becomes obsolete.

respecting band plans, because they make it possible for every mode to have a chance.

being aware that we all love Amateur Radio, and there's no need to damage or disgrace it just to save face.

keeping personal conflicts off the air. Settle your arguments on the telephone, the Internet or in person. Just keep them off the air.

cutting a net or a contester a break, even if you don't have to and even if you have no interest whatsoever in nets or contesting.

realizing that every right carries responsibilities, and just because you may have a right to do certain things doesn't mean it's right to do them in every circumstance.

you don't "own" or get preference to use any frequency.

not operating so that whoever hears you becomes sorry they ever got into (or tuned in on) Amateur Radio in the first place.

Hollingsworth notes that the list "doesn't touch on a lot of other technical issues, such as using 1500W when your signal report received is 40 over 9. "Good amateur practice," he said, "just means a lot of things that can't always be quantified."--thanks to Riley Hollingsworth

FCC RESCINDS 146.52 MHz ADVISORY NOTICES

FCC Special Counsel for Enforcement Riley Hollingsworth has told five amateurs in Ohio and Michigan to disregard his earlier admonitions to avoid lengthy QSOs on 146.52 MHz. That's the generally recognized national simplex calling frequency and is endorsed as such by the ARRL's 2-meter band plan. Acknowledging, however, that some confusion exists within the amateur community as to whether 146.52 is a national calling channel or just another simplex frequency, Hollingsworth decided to simply rescind the five advisory notices he'd sent October 15.

"We made an error in issuing that Advisory Notice, and you may disregard it," Hollingsworth wrote October 23 in letters to the affected amateurs. Commenting to ARRL, Hollingsworth was blunt yet good-natured. "I goofed," he said. "If I were worried about making a fool of myself from time to time, I never would have become a lawyer in the first place."

Amateurs commenting to the FCC and on various newsgroups reportedly were bewildered by the FCC advisory notices. An ARRL error apparently contributed to the confusion.

Hollingsworth did not find 146.52 MHz singled out as the national simplex calling frequency in his edition of The ARRL's FCC Rule Book (12th edition, 1st printing). The designation does appear in subsequent printings of the Rule Book, however, as well as in recent editions of The ARRL Operating Manual and The ARRL Repeater Directory 2002/2003.

Hollingsworth says that operation that does not comply with a generally accepted band plan such as ARRL's is not illegal. He points out, however, that band plans, to the extent that they're followed, do help to keep down friction among various users and make his job a lot easier.

"I don't consider it a big deal. I was just trying to raise awareness," he said, adding that the FCC has no intention of making band plan compliance mandatory.

Hollingsworth told ARRL this week that he had initially written four amateurs in Ohio and one in Michigan on the basis of complaints about lengthy contacts on 146.52 MHz in late September and early October. Those QSOs, he said, averaged 45 minutes and in some cases lasted up to an hour. Two of the amateurs who had received the October 15 advisories already have contacted Hollingsworth and agreed to cooperate with the original requests, now rescinded.

"In an ideal world, stations making initial contact on 146.52 MHz probably should move off to another accepted simplex channel to continue their conversation," Hollingsworth said. "The main thing is, we're all in this together, and the goal is to make Amateur Radio last 1000 years." All ARRL band plans are available on the ARRL Web site.

"THE TOWER IS UP!" ANTENNA BATTLE FINALLY PAYS OFF

A New York amateur who credits both the limited federal preemp-

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tion PRB-1 and the ARRL with helping him win approval for an antenna support structure on his property, now reports his new tower is up. Fred Fitte, WA2MMX, spent months trying to gain the necessary approvals from the Town of Kinderhook. He saw his new tower become reality in late September, more than a year after his zoning battle began.

The Town of Kinderhook would not allow a ham radio antenna support structure in excess of 35 feet without a variance. "PRB-1 is what saved my bacon," said Fitte. PRB-1, spelled out in the FCC Amateur Service rules under §97.15(b), requires municipalities to "reasonably accommodate" amateur communication. Fitte finally got a building permit last May after what he called "a really ugly battle," winning approval of his request to erect a 50-foot tower on a 3 to 1 vote of the town's Zoning Board of Appeals.

Among those who had helped Fitte in his battle with the town was ARRL Hudson Division Director Frank Fallon, N2FF, who says WA2MMX's situation "was not your run-of-the-mill ham tower case." As Fallon explains it, Fitte ran into problems after he moved approximately 300 feet into a new development and filed for a building permit for a tower 10 feet shorter than his old one.

"His first hearing, only days before the 9/11 attack on the World Trade Center, did not go well," Fallon said, adding that Fitte "was shocked at the hostile response from his new neighbors."

What followed was a series of seven hearings over nine months, during which he confronted several hostile neighbors, aided by a local attorney and a medical doctor. The neighbors attacked the proposed support structure as a health and safety hazard and an aesthetic blight that would lower property values. Their attorney also wanted the town to require WA2MMX to move his antennas outside the development.

"Fred, with a lot of help from his friends, finally prevailed," Fallon said. Fitte and his wife, Terry, hosted a celebratory "thank you" picnic over the September Labor Day weekend for friends and expert witnesses who had helped. Only his attorney, Al Millus, WB2EQR, was unable to attend.

In addition to Fallon, among those who did turn out was ARRL Lab Supervisor Ed Hare, W1RFI, who voluntarily attended five of the hearings to present testimony. Dr George Wilner, K2ONP, the head of the Hematology Department at Albany Medical Center, attended one hearing session to debunk the issue of potential biomedical hazards. One friendly neighbor, a real estate appraiser, came forward to put to rest the claim that Fitte's antenna would lower property values.

FCC OPTS FOR STATUS QUO AT 2300 TO 2305 MHz

In a classic good news-bad news scenario, the FCC has dismissed an ARRL petition that sought primary status for amateurs at 2300-2305 MHz. At the same time, the Commission denied petitions from AeroAstro and MicroTrax--commercial interests that had hoped to share the spectrum with Amateur Radio. The action, taken October 9, maintains the status quo on the band.

Internationally, the 2300-2305 MHz band is allocated to Fixed and Mobile services on a primary basis and to the Amateur Service on a secondary basis in all three ITU regions. The Radiolocation Service has a secondary allocation in the band in Region 1, and a primary allocation in Regions 2 and 3. A copy of the Order is available on the FCC Web site.

FCC REJECTS AMATEUR'S PETITION FOR RE CONSIDERATION ON CC&R ISSUE

The FCC has turned down a Petition for Reconsideration filed by Florida amateur of the Commission's 2001 decision to deny the ARRL's Application for Review in RM-8763. That proceeding co cerned the League's lengthy effort, ultimately stymied by the FC to have the Commission include privately imposed deed covenan conditions and restrictions, CC&Rs, under the limited federal pre emption known as PRB-1. That policy, codified in Section 97.15(of the FCC's rules, calls on municipalities to "reasonably accomm date" amateur communication when regulating the installation of outdoor antenna structures. The League subsequently sought a co gressional solution to the issue in the form of HR 4720. The FCC dismissed the League's Application for Review on December 18, 2001, on the grounds that PRB-1 "adequately protects the predon nant federal interest in promoting amateur communications from regulations that would frustrate the important purposes thereof."

Not long after, W. Lee McVey, W6EM, of Bradenton, Florida, fi his own Petition for Reconsideration, claiming it presented addi- tional evidence that the FCC had not considered in dealing with t ARRL's petition. The FCC concluded that none of McVey's argu ments warranted reconsideration of the order that denied the ARI s review application and said McVey filed his own petition on the CC&R issue while the ARRL's application was pending in 2001. The FCC dismissed McVey's petition , reasoning that it was sub- stantially the same as the ARRL's. McVey did not challenge the FCC's decision.

CAMERA USED TO SHOOT SHUTTLE ATLANTIS LAUNCH HAD HAM RADIO ORIGINS

Live video from a camera attached to NASA's shuttle Atlantis pr vided an unprecedented view of a space shuttle launch October 7 Designed and built by Ecliptic, the RocketCam Imaging System as attached to the skin of the shuttle's large external fuel tank. AM- SAT's Jan King, W3GEY, is Ecliptic's chief technical officer. Ac cording to AMSAT's Tom Clark, W3IWI, King and another AM SAT stalwart, Gordon Hardman, W0RUN, developed the launch camera's prototype some years ago in Boulder, Colorado.

The Atlantis takeoff video is available from the NASA Human Spaceflight Web site http://spaceflight.nasa.gov.

ARRL ANNOUNCES DIAMOND CLUB DONOR RECOGNITION PROGRAM

The ARRL has introduced The Diamond Club as a way to increa member involvement, support the League and offer valuable me bership benefits above and beyond those already available. The p- gram was approved by the ARRL Board of Directors at its July meeting and introduced this month. "This is a donor recognitio program, to acknowledge member loyalty," said ARRL Chief D velopment Officer Mary Hobart, K1MMH. "We're excited to be ble to thank our members in ways we've never been able to do prev ously and, at the same time, to raise critical additional resources sustain ARRL in the future."

Hobart said the program has a first-year goal of $150,000 "to su

(Continued on pa 18)

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ort those ARRL-sponsored programs amateurs enjoy." She compared the program to those already offered by other non-profit organizations across the US. "We did a membership sample survey in 001 to gauge interest in specific benefits and types of benefits," obart explained. "The Diamond Club program was crafted to be nsistent with the results of that survey."

lembers of The Diamond Club can start out small, with an annual ntribution as little as $75 a year ($50 a year for ARRL Life Members), or large, with a yearly gift of $5000 or more. In addition to a ubscription to QST, access to members-only pages on the ARRL eb site, and other member benefits, Diamond Club donors at the troductory level will receive a Diamond Club pin, a personalized iamond Club certificate and two Diamond Club vehicle window ecals.

he Diamond Club offers additional benefits for larger contributions the Brass, Silver, Gold, Platinum and Director levels.

onations to the ARRL Diamond Club are tax-deductible to the tent allowed by law and are not refundable. The Diamond Club ntributions are annual. Details on The Diamond Club are spelled ut on the ARRL Web site.

ARRL ASKS FCC TO DENY US USE OF EUROPEAN/UK FRS-TYPE RADIOS ON 70 cm

lichael Trahos KB4PGC, has petitioned the FCC to set aside 8 nannels in the 70 cm band so European and UK visitors to the .S. could use their own Personal Mobile Radios (PMR 446) perating in the 462-467 MHz range. Trahos said his proposal ould promote international goodwill. The ARRL, while not nsympathetic to international visitors, recommended that visitors purchase FRS (Family Radio Service) radios while in the U.S.

The ARRL band plan for 70 cm designates 446.0 MHz as a national calling channel; other frequencies in the segment are for simplex or repeater use. In the US, government radiolocation services are primary and Amateur Radio is secondary on that portion of the 70-cm band. US FRS uses frequencies in the 462-467 MHz range. Trahos' petition asked the FCC to amend its rules to allow visiting "non-amateur non-United States resident foreign nationals" unlicensed access to certain frequencies between 446.0 and 446.1 MHz at up to 1/2 watt PEP output. "If nothing else, this Petition reveals the problems that arise from the failure to harmonize allocations internationally," the ARRL noted.

The Trahos Petition, RM-10521, and filed comments are available via the FCC's Electronic Comment Filing System (ECFS). Click on "Search for Filed Comments" and enter "RM-10521" in the "Proceeding" field. The comment period has expired.

SPECIAL EVENT TO MARK PANAMA CENTENARY

The Radio Club of Panama will operate a special event station, HP100RCP, during the month of November to commemorate the 100th anniversary of the Republic of Panama.

A commemorative certificate is available to stations working the special event station and confirming the contact with a QSL and two International Reply Coupons (IRCs) or $1 US. QSL to

Radio Club de Panama, PO BOX 10745, Panama 4, PANAMA. HP100RCP will operate in all bands and all modes including PSK31.

'ROM GREG, W7OZ NW Div. Director

'our Northwestern Division officers have been busy. Vice)irector Jim Fenstermaker, K9JF, spent time in Alaska for he Anchorage convention and the Fairbanks hamfest. He lso found time to go to the North Kitsap Hamfest at ilverdale, Washington. Of course we both went to SEA 'AC, the Northwestern Division Convention.

)ctober 12 was a busy weekend in the Northwest. Jim as nentioned above was in Silverdale, near Bremerton, eague HQ sent a representative to the Eastern Washington convention in Spokane and I was in Bozeman, MT for heir hamfest. I had more recently been to Silverdale and Spokane so I chose Bozeman this year. Tacoma had a good ncrease in attendance at their affair in Graham, WA in September. This weekend, I'll be at the Swaptoberfest in Rickreall, OR and in early November will probably attend he Mt. Baker Hamfest near Bellingham, WA. I was unable to make it to the Longview hamfest, the Missoula Hellgate affair, the Pacific Northwest VHF conference in Band, OR and the Chehalis Valley, WA hamfest this year. Hopefully I'll get there next year.

appreciate that many hamfests have important considerations which include obtaining a suitable facility and dealng with local conditions (hunting season, football games etc.). As you think about next year, try to contact other clubs that may have held a hamfest within a few weeks of your proposed date. Its always helpful to have a single hamfest on a weekend. Try to set your event with me as soon as possible so others will know of your date.

No hamfests or conventions I know of had a significant decrease in attendance. Several went up some. In the future, I'd like to put some more emphasis on gaining new members at hamfests. I have membership forms with me and I will be glad to use them. If you have a club meeting or hamfest/convention, we could save the League some money by finding a place for me or Jim to stay the night, before or after the event. It is often too far to drive comfortably either before or after. I spoke at the Western Washington DX Club and they put me up with a member that evening (N7WA) and the Bozeman folks found a place for me to sleep for a couple of nights (N7ODN). I really appreciate it and the League does too.

YES, your NW Division has a Web site ably manned by Glenn Moore, N7VBW, the site is at www.nwarrl.org. Got some news or views for the site? Contact me w7oz@arrl.org or try K9JF or any Section Manager at (their call)@arrl.org.

73 or 88s where appropriate.

Greg Milnes W7OZ Northwestern Division Director (p. 10 of QST for addresses)

RADIO CLUB OF TACOMA
PO BOX 11188
TACOMA, WA 98411-0188

[ ] NEW MEMBER (ONE APPLICATION PER MEMBER)

[ ] RENEWAL (ONE RENEWAL FORM PER FAMILY OK)

MEMBER CATEGORY: [ ] FULL [ ] SENIOR [ ] ASSOCIATE [ ] FAMILY [ ] LIFE [ ] STUDENT [ ] REINSTATEMENT

Name_____ Call_____ Class_____ Birthday_____

Address_____ City/State_____

Zip+4_____ Home Phone(____)_____ Work Phone(____)_____

e-mail address_____ Publish phone number/e-mail in the Club Roster? Yes [ ] No [ ]

Former Call(s)_____

Are you a Volunteer Examiner ? Yes [ ] No [ ] If Yes, which VEC? ARRL [ ] W5YI [ ] Other [ ]

Occupation (or former occupation)_____

Are you a member of: ARRL [ ] ARES/RACES [ ] MARS [ ]

FAMILY MEMBERS NAME, CALL, AND LICENSE CLASS (RENEWALS ONLY)

_____

_____

_____

THE RADIO CLUB PARTICIPATES AND SUPPORTS THE FOLLOWING ACTIVITIES EACH YEAR. PLEASE MARK THE BOX IN FRONT OF THE ACTIVITY OR ACTIVITIES THAT YOU WILL HELP SUPPORT. WE NEED YOUR HELP AND SUPPORT, **PLEASE CONSIDER AT LEAST ONE ACTIVITY THAT WE CAN COUNT ON YOU TO SUPPORT. PLEASE CHECK THE FIRST BOX IF YOU ARE EXPERIENCED OR ALREADY INVOLVED. CHECK SECOND BOX IF YOU WOULD LIKE TO LEARN MORE ABOUT THIS**

[ ] [ ] DIGITAL COMMUNICATIONS
[ ] [ ] FIELD DAY
[ ] [ ] ANNUAL FLEA MARKET
[ ] [ ] BOOTH AT THE WWA FAIR
[ ] [ ] WORKING WITH YOUTH GROUPS
[ ] [ ] VE TEAM
[ ] [ ] PUBLIC RELATIONS
[ ] [ ] TEACHING CLASSES
[ ] [ ] ANTIQUE RADIOS
[ ] [ ] DX
[ ] [ ] EMERGENCY COMMUNIC
[ ] [ ] CLUB NEWSLETTER
[ ] [ ] CONTESTS
[ ] [ ] VHF/UHF
[ ] [ ] EXPERIMENTATION

Other hobbies, interests, skills:_____

Club badges are available for $9.00. If you would like a badge, please PRINT the following:

Badge Name_____ Badge Call Sign_____

Applicant's Signature_____ Date_____

ANNUAL MEMBERSHIP DUES: FULL OR ASSOCIATE MEMBER $30
FAMILY MEMBER (AT SAME ADDRESS, FIRST TWO) $15 EACH (ALL ABOVE 2 ARE FREE)
SENIOR MEMBER (65 AND OVER) $25 FULL-TIME STUDENT (UP TO AGE 25) $15
LIFE MEMBERSHIP = 20 TIMES ANNUAL DUES (PAYMENT PLAN AVAILABLE)
Seven dollars ($7.00) of your annual dues is for the Club's monthly newsletter (The Logger's Bar

FOR RCT USE ONLY

Dues received $_____ Treasurer's initials_____ Date_____

Badge fee rcvd $_____ Treasurer's initials_____ Date_____

Receipt Number_____ **Radio of Tacoma Membership Number**_____

THE LO BARK
Radio Club of Tacoma, Inc.
P.O. Box 11188
Tacoma, WA 98411

NO LOFIT ORG.
U.S. POSTAGE PAID
TACOMA, WA
PERMIT NO. 1078

RETURN SERVICE REQUESTED

DECEMBER EVENTS

Sat., December 14th - Christmas Party

Details Inside

DEC 7 - Pinochle Potluck

DEC 3 - Board Meeting - Clubhouse, 7:30 PM - All members welcome.

DEC 11 - Club Meeting - Library Administration Center, 7:30 PM

Program: "THE LATEST NEWS FROM THE FCC AND THE ARRL, Greg Milnes, W7OZ, ARRL Northwestern Division Director

DEC 10 - License Testing - 7 PM, Clubhouse

***DEC 15** - BARK deadline* - PLEASE get articles, columns, etc. in by that time.!

DEC 25 - Merry Christmas! No Club Meeting

Support OUR club - Attend meetings, volunteer, elmer.

Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events.

Check in on the 10 Meter Net every Sunday evening, 8 PM, on 28.375 MHz USB

See page 3 for meeting program schedule. Check the weekly net for updates to the program schedule.

YLs - Check in to the YL Net on the 147.28 repeater every Monday at 8 PM.

Radio Club of Tacoma (W7DK) Monthly Events

December 2002

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 8:00 PM 10 Meter Net 28.375 MHz	2 Week 48	3 Hal Stahlhut W7EC * Lucas Howell KD7QBD * 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	4 Joesph Douglas KC7FF * 7:30 PM RCT BOARD MTG	5 Roy Brooks W7RTB *	6 Frank Palmer AC7JY * Jerry Bennett KD7OPE *	7 W7DK Open House 10:00 AM - 2:00 PM
8 8:00 PM 10 Meter Net 28.375 MHz	9 Week 49	10 7:00 PM RCT LICENSE EXAMS 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	11 7:30 PM W7DK GENERAL MEMBERSHIP MEETING Peter Welty KD6SVZ *	12	13 Joe Scott N2IKD *	14 W7DK Open House 10:00 AM - 2:00 PM William Drum KJ7KT *
15 Jack Moore WA7ENB * 8:00 PM 10 Meter Net 28.375 MHz	16 Robert Stewart WB7QCS * Jerry Seligman W7BUN * Ken Scott KB7UXT * Week 50	17 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	18 Douglas Smith AJ7Y *	19 Marilyn Thordarson KB7PCT *	20 Sandy Newhouse KD7HYT *	21 W7DK Open House 10:00 AM - 2:00 PM Randy Myers WB4SPB * Mario Badua KD6ILO *
22 Mark Rhoden KB7PKD * 8:00 PM 10 Meter Net 28.375 MHz	23 David Dodd WB7AUJ * Week 51	24 Christmas Eve 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	25 Christmas NO MEETING DUE TO HOLIDAY Ricardo Pradel N7UFB *	26	27	28 W7DK Informal Flea Market W7DK Open House 10:00 AM - 2:00 PM Chuck Souter KA7HJN * Frank Kerton KB3NV *
29 8:00 PM 10 Meter Net 28.375 MHz	30 Week 52	31 New Year's Eve 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R				

club of tacoma radio W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

ARRL RADIO CLUB OF TACOMA W7DK

VOL. XXXIX NR. 11 W7DK NOVEMBER 2002

Events and News Brief

- Clubhouse Renovations Progress Report..story on page 3.
- It's New Year's Resolution Time by George..pg 5
- . Greg Milnes, W7OZ, ARRL Northwestern Division Director at Club meeting Dec. 11th: See Upcoming Programs page 8.
- Tuesday night net checkins See page 9.
- Letter to the Editor from 1982 on page 12

In this Issue: *Long-Time Member Max Bice W7AEA's Silent Key*. Page 10

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Dec. Contests/Hamfests/ things to do	7
VE Team Reports & Classes Offered	8
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News from the ARRL	17

FROM THE PRESIDENT, Mick KK7QS

As we near the end of another year, we can look back and see the changes we have made to our club. We have added some digital stations, an ATV station, and are in the process of adding an all mode VHF/UHF station.

The process of moving the 2-meter repeater downstairs next to the 440 MHz repeater as already begun. The space upstairs is needed for the new VHF/UHF station. While things are being moved around, the floors in the front room are going to get some well-deserved cleaning. The search is on for some good carpet to replace the old one now there and maybe we'll even do a little painting.

Work continues on sprucing up the Clubhouse to make it everything you want it to be!

The goal is to make the clubhouse a place everyone likes to visit.

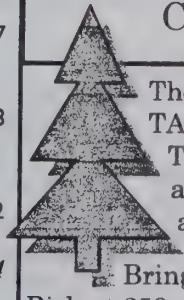
Of course, without the hard working officers and Board members we would not be making all these additions and changes. It is their ideas and visions that shape the future of our club. Please give them your support as they donate many hours to make our club a more fun place to visit. Many thanks to those members who are serving or have served on our Board or Directors.

We would like to welcome the newly elected members who have stepped forward to help out. With everyone's continued efforts we are confident we'll have a very good year.

We're looking forward to the club's Annual Christmas Party on the 14th and hope to see many of you there. The fourth Wednesday this month is Christmas so there will be only one general membership meeting this month on the 11th. Then we'll go back to business as usual next month. Here's wishing you and yours a very happy holiday season from our shack to yours.

Thanks to all for your continued support.
73, Mick KK7QS

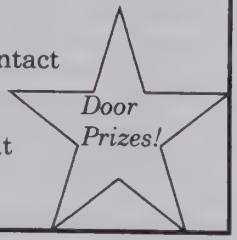
Christmas Party Pot Luck is December 14th 6-9 pm.



The Radio Club of Tacoma will be holding its annual Christmas party at the TACID Building, 6315 S. 19th in Tacoma (just east of 19th and Mildred in Tacoma) on Saturday, December 14 from 6-9 p.m. Use the east entrance at the TACID Building. The meal will be pot luck with the turkey, coffee and soda provided by the club.

Bring a dish, hot-dish, salad, dessert, whatever you'd like - contact Rich at 253-474-8883 for dish suggestions if in doubt.

Besides the food, there will be door prizes (some big ones) and a great time to visit with your follow club members.



RADIO CLUB OF TACOMA – 2002

PRESIDENT	MICK PIER	KK7QS	847-8223
V PRESIDENT	RICH MANSON	N7ANF	474-8883
SECRETARY	ED ROOT	KC7OKS	851-7463
TREASURER	ROGER TERWILLIGER	WA7ANJ	475-4293
BOARD (5)	WORTH GURLEY	W7WG	582-3844
	MOREL GUYOT	W6LIX	838-5433
	GEORGE NOBLE	KK7FM	756-1127
	FRANK PALMER	AC7JY	539-7772
	JILL PALMER	K7JIL	539-7772

LOGGER'S BARK STAFF

EDITOR	LYNNETTE MARTEK	KD7BVO	826-0184
REPORTERS	SHIRLEY MURPHY	N7QHW	265-3661
	ROGER TERWILLIGER	WA7ANJ	475-4293
	DICK RYAN	W7RGD	627-0922
	JERRY SELIGMAN	W7BUN	845-7652

THIS MONTH'S FEATURE(S) BY: Rich N7ANF, George KK7FM

COMPOSITOR	LYNNETTE MARTEK	KD7BVO	826-0184
PUBLISHER	W7DK PRESS	N7QHW	265-3661

CLUB MEETINGS: 7:30 PM 2nd & 4th Wednesdays of each month at the Pierce County Library District Center, 3005 - 112th Street East, Tacoma, WA

Clubhouse Renovations in Progress

CLUBHOUSE CHANGES BEGIN

The remodeling of the clubhouse to accommodate the a li- tions planned for the club stations has begun

The classroom has been repainted and is ready for the ew carpet and woodwork. The alcove by the front door has been prepared for the move of the repeaters and IRLP that the HF station has room for the addition of the VH- UHF station.

It is hoped that the newly cleaned classroom will featu a display of operating antique equipment that will be rot ed on a schedule. Power and antenna terminals will be pr vided.

Work at the clubhouse is under the direction of the Sta n Engineer, Nick, WA7IVO. Preparation of the alcove wa spearheaded by Rich, N7ANF.

Grunt labor has been provided by Mike, KB7ZDR, Joe, KD7PAU, Gino, KD7RWT, Mike KC6ZMT and yours tr y. Also Geoffrey, KD7QBC--- helped me rehang the doors, V, board and all of the wallplates.

More help is needed. Volunteer!

73 John AC7LK

147.28 / .88 MHz

W7DK/Radio Club of Tacoma

144.97 - Packet

147.38 / .98 MHz (PL 103.5)

440.625 / 445.625 (PL 103.5)

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 253-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to lmartek@cs.com or mail to Lynnette Martek, KD7BVO, 308 118th Ave. Ct. E., Edgewood, WA 98372. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. *The Logger's Bark* does not verify or guarantee statements in the Swa or Wanted columns. Permission is granted to use any or all portion of articles published in *The Logger's Bark* if credit line is included in e report.

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The Radio Club of Tacoma is a non profit organization as defined law, and all proceeds will be used exclusively for charitable and e cational purposes.

Radio Club of Tacoma Meeting Minutes

Radio Club of Tacoma Board Meeting October 2, 2002

Meeting opened at 1930 by President Pier, KK7QS.

Minutes were approved as written.

Correspondence: Bank statements, ads, newsletters, address corrections, QSL, phone bills, and membership form.

Treasurer: Income $284.62, expenses $1700.07. Property taxes paid, large bill for books that should come back as income. Roger, WA7ANJ, explained the proposed budget.

Flea Market: We will have a Thank You dinner for the Flea Market workers at the Puyallup Old Country Buffet. We are also in need of a new location for next years Flea Market.

New Business: Some help is needed to clean up on Friday for the weekend class.

Discussion on a program idea from Jerry, W7BUN, about a presentation from a commercial vendor.

We need a new net manager for the Tuesday evening net.

A letter was received requesting that the volunteer Bark printer be made an Honorary Member. Board passed unanimously.

Discussed a Thank You for Kathleen Nace for her service as Editor of the Bark.

Rich, N7ANF, talked about the Christmas party. It was recommended to have it a little earlier in the month.

A report that Nora, KC7JME, was doing better and is at home.

Ed Harwood, KA7LGV, would like some help setting up a station.

IRLP use. M/S/P to move it to the 440 repeater.

Old Business: Discussion on membership numbers and cards.

Discussion on clubhouse window repairs.

Present: Mick, KK7QS; Frank, AC7JY; Jill, K7JIL; Morel, W6LIX; Rich, N7ANF; Roger, WA7ANJ; Worth, W7WG; George, KK7FM, and Ed, KC7OKS.

Visitors were: Al, K7HW; John, AC7LK; Bob N7AHR; Junette, No Call; Ray, AC7KQ; and Bud, K7BUD.

Radio Club of Tacoma Membership Meeting October 23, 2002

Vice President Rich, N7ANF, called the meeting to order at 7:30 PM. He led us in the flag salute.

Introductions were made around the room.

Illness or Silent Keys: Mac, W6NBD is doing a little better. Max, W7AEA, is a little under the weather. Pat, N7CAK, had an operation. Frank, AC7JY, is not feeling well this evening. W7RGO was reported as a Silent Key. His daughter is looking for information. If you knew him, let Jerry, W7BUN, know. Correspondence: Ballots, newsletters, address corrections, bills, and bank statements.

Announcements: We have use of the Tacoma Rifle and Revolver Club for Field Day next year. Jerry, W7BUN, announced several upcoming programs.

Program: Nick, W7IVO, showed slides and described the commercial radio antennas on Tiger mountain. He showed how ten different stations could share one antenna.

More Announcements: Rich, N7ANF, announced that the Christmas party will be on Saturday December 14, at the TACID building on West 19th St. Set-up will be at 5:30 PM. He asked for help hosting the open house at the clubhouse for the first 3 Saturdays of December.

Roger, WA7ANJ, announced that the club needs a location for the Flea Market in 2003. It is our major fundraiser each year.

ARES/RACES will meet at the clubhouse at noon next weekend. See Dana, KD7KPZ for details.

Hints or Kinks: A local retail store has a 24-hour format battery powered clock for $10.

DX: Phil, W7PFZ, got his DXCC Honor Roll certificate. He has received QSL cards from 340 countries.

John, AC7LK, announced an operating party to be held at the clubhouse on November 23.

Door prize drawing was held for a soldering iron. The 50/50 drawing was for $26 and was won by Al, K7HW.

Please send items for the Bark to our new Editor, Lynnette Martek, at lmartek@cs.com

53 signed the attendance roster.

The meeting was adjourned at 9:00 PM.

Respectfully submitted, Ed Root, KC7OKS, Secretary

OPERATING TIP OF THE MONTH:

BREAKING IN TO A QSO: A bad operating procedure which has become common is to call "break" when trying to join an ongoing QSO. In traditional amateur radio technique, the word "break" indicates an emergency, "break-break" means a very serious emergency, and a triple break means a life and death situation. The proper way to join a QSO is to give your call sign between the other parties' transmissions. This is more considerate and polite than calling "break" and is also more in accordance with FCC rules.

It's New Year's Resolution Time...by George, KK7FM

As we talk about the plans for the future of the Radio Club, it is clear that the Club is at its best when people are doing things. The more activity there is, the more one wants to join in. Participation breeds participation.

Most members of the Radio Club of Tacoma, like me, probably have a large amount of inertia with regard to their hobby. Inertia is defined as a resistance to change (including getting off one's bottom to start doing something).

It is easier to get involved if the program is already up and running. Fortunately, there are a number of members who have recently attacked the Club's inertia and begun making things happen. They know who they are and can give themselves a well-deserved pat on the back if they need one.

The rest of us will benefit if we simply show up and support the efforts of those who are trying to get us moving. However, we may benefit more if we go a little beyond just showing up. As we head into New Year's resolution time, here's a list of individual goals from which you might choose to help you overcome your own inertia:

1) Increase participation in club activities

- Renew your membership early (it's time)
- Get to more of the club meetings, stop by on Saturday morning, plan to be there for Field Day, DK at the beach, and other special events.
- Check into the weekly VHF net (Tues. at 7:30) or 10 m net (Sun. at 8:00)

2) Evangelize

- Bring a friend to a Club meeting or to the clubhouse on Saturday
- Encourage someone to take the classes, help teach a class
- Support the new licensees with help for their "dumb" questions (and learn the answer yourself in the process)
- Bring a scout troop by the club or organize a merit badge class

3) Prepare for emergencies

- Learn where to tune your radio for emergency nets and how to behave.
- Practice reprogramming your radio (frequency, tone, and shift) so you're ready in an emergency
- Learn basic message handling
- Commit to joining regular ARES-RACES activities.
- Pack a 24 hour or 72 hour "go" bag

4) Advance the radio "art"

- Learn the Code-just DO it
- Upgrade your license or help others to do it
- Use a new band or new mode
- Try to work all states, continents, zones, etc. (you pick)

5) Advance radio "science"

- Build a piece of radio equipment from a kit or from plans
- Design a better way to do something-share it with the club
- Improve your antenna "farm"

6) Promote good will

- Try to make 5 new DX contac month (or week, whatever)
- Have a good long rag chew on week (maybe on CW?)

This list is by no means comprehe sive. I hasten to add that I have done most of the things on this lis do believe, however, that if each o chooses to increase activity, and s that effort with others or supports other's efforts to do this, W7DK w a very exciting place.

My guess is that once we get this rolling, we will want to do more, a will be hard to stop.

That's also inertia.

George Noble KK7FM

1) Increase Partici pation in Club Mee- ings, 2) Evangelize 3) Prepare for Eme- gencies, 4) Advanc the Radio "Art," 5, Advance Radio "Science," and 6) Promote Goodwill

We All Could Do a Little More or a Little Better

FIRST CONTACT AWARD

Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7BU has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name d call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First Contact Awa will be issued.

ARES/RACES BY SHIRLEY MURPHY, N7QHW

The Pierce County Amateur Radio Communication Service met on Sunday, October 27 at the RCT clubhouse.

Mark Yordy, W7BBO, Emergency Coordinator/RACES Radio Officer is looking for any and all ideas from anyone on how you feel ARES can best be promoted in Pierce County. Contact him via email.

There is a countywide drill being planned for February 2, 2003. The scenario will be an earthquake with a lahar. Part of the scenario will be that the Pierce County EOC and the building it is housed in will be out of commission. Jim Lawrence, N7RHX, is organizing this drill. Stay tuned for more information with dates, times, etc. coming in the future.

In May 2003, there will be an exercise involving King, Kitsap and Pierce counties. This is the extent of the information available at this time but keep it in mind for May. Lots of volunteers are always needed. This was announced at the WWA Section Coordinators meeting that Mark, W7BBO, attended for DEC's and EC's. The meeting was held at Tacoma General Hospital. Thanks TGH for helping us out.

Stay tuned for future announcements for classes on Level 1, EMCOM (Emergency Communications) ARRL Certification course and First Aid and CPR courses.

A reminder to all, if you are interested in ARES and have HF privileges, you are welcome to check into the WA States ARES net held on Mondays at 6:30 PM and Saturdays at 9 AM on the frequency of 3985 KHz. The back up frequency is 7245 KHz.

ATTENTION!!!! The Tuesday ARES net is now being held on the WC7AAO repeater which is 145.37. Temporarily, you will hear it identify as the W7BAS repeater. The 146.64 KB7CNN repeater will continue to be the back up repeater. A big thanks to Bill Boyle for the use of his repeater for the past few months.

Last but not least, elections of officers did take place at this meeting. The following persons were elected:

Mark Yordy, W7BBO, Chairperson

Alan Hughes, KB7SVU, Vice-chairperson

Dana Marshall, KD7KPZ, Secretary

Charlotte Yordy, KC7CMR, Treasurer

Ted Axtell, W7TED, Trustee

Rollo Van Slyke, N7JQ, Trustee

Jim Lawrence, N7RHX, Trustee.

WEB PAGE ADDRESS:

http://piercecounty.tripod.com

Thanks and congratulations to all for your time and efforts.

Rich Heasty, KK7VH, the Net Manager for Pierce County Amateur Radio Communications Services nets is still looking for volunteers to help run the net. Contact him if you would like to volunteer to do a net.

Shirley Murphy, N7QHW, manages membership applications and maintenance of the roster. Contact Shirley regarding any questions or concerns relating to Department of Emergency Management Worker Identification Cards.

Special Events Manager is Judy La Fleur, N7NII, who can be reached by a telephone (you must leave a message and she or her representative will get back to you).

Medical Services Manager Pat Nicholson, N7WGR, is looking for volunteers to help support the communications needed for medical facilities. Contact him if you can help out.

Mario Badua, KD6ILO, is leading the Emergency Communications Emergency Response Team. These are the folks that are the first persons to be called out for events. He has zones 3, 4, and 5 covered but is looking for volunteers to cover zones 1, 2, and 6. Volunteers would need a 4 wheel drive vehicle equipped with radios. Ideally, a 2-person team is desired but to get started, a single person can be a responder.

Watch the NOAA website for future Skywarn weather spotter training classes. The web address is www.wrh.noaa.gov/seattle. I would like to once again encourage everyone to get active in ARES/RACES and get behind our new leadership persons and give them your support.

Don't forget to check into the Pierce County Amateur Radio Communication Services net on each Tuesday at 7 PM on the 145.370 MHz repeater. Check out the new web page and see what is happening. The net preamble is also available on the web page.

Thanks to all for your support of ARES/RACES. 73 Shirley, N7QHW

Pierce County Phone Numbers:

Pierce County Emergency Coordinator: Mark Yordy, W7BBO 253-857-5123;w7bbo@juno.com.

Assistant Emergency Coordinator/Zone 1 Manager: Rollo Van Slyke, N7JQ 360-876-2803; rollo@worldfront.com

Assistant Emergency Coordinators/ Anderson Island Managers: John Mollan, AE7P and Donna Mollan, WB7FDE. John and Donna can be reached at 253-884-1679; ae7p@arrl.net.

Net Manager for Pierce County Amateur Radio Communications Services nets: Rich Heasty, KK7VH 360-897-6576; rheasty@wolfenet.net

Membership Applications and Roster Maintenance: Shirley Murphy, N7QHW 253-265-3661; sundancealso@harbornet.com

Special Events Manager: Judy LaFleur, N7NII 253-847-5198

Medical Services Manager: Pat Nicholson N7WGR 253-864-6589; patn0011@earthlink.net

Emergency Communications Emergency Response Team lead: Mario Badua, KD6ILO 253-952-5880; kd6ilo@arrl.net

Pierce County Amateur Radio Communication Services net is on each Tuesday at 7 PM on the 145.37 MHz repeater until further notice.

December Contest Calendar

Dec 1: Holiday Spirits Homebrew CW Sprint--sponsored by the QRP ARCI, 2000Z-2400Z Dec 1. Frequencies--1810, 3560, 3710, 7040, 7110, 14,060, 21,060, 21,110, 28,060, 28,110 kHz.

Dec 4-5: Top Band Sprint--CW/SSB, sponsored by QRP ARCI, 1800 local time Dec 4-0600 local Dec 5 (note local time, not Z). 160 meters only.

For more contest details go to www.arrl.org/contests

Dec 6-8: ARRL 160-Meter Contest--2200Z Dec 6-1600Z Dec 8. In Nov QST p 114.

Dec 6-8: Winter 6-Meter Contest--CW/Phone, sponsored by the Six Club, 2300Z Dec 6-0300Z Dec 9.

Dec 6-8: TARA RTTY Sprint--sponsored by the Troy Amateur Radio Assn, 1800Z Dec 7-0200Z Dec 8.

Dec 6-8: PSK31 Death Match, sponsored by the Michigan DX Association, 0000Z Dec 7-2400Z Dec 8. Frequencies: 80-6 meters.

Dec 6-8: TOPS Activity Contest 3.5 MHz--CW, sponsored by TOPS, 1800Z Dec 7-1800Z Dec 8. Frequencies: 3515-3560 kHz.

Dec 14-15: ARRL 10-Meter Contest--0000Z Dec 14-2400Z Dec 15. See Nov QST p 114. // 28 MHz SWL Contest--sponsored by Lambert Wijshake NL-10175, coincident with ARRL 10-Meter contest.

Dec 15: Great Colorado Snowshoe Run--CW, sponsored by the Colorado QRP Club from 0200Z-0400Z Dec 15. 40 meters only.

Dec 20-22: OK DX RTTY Contest--sponsored by the Czech Radio Club, 0000Z-2400Z Dec 21.

Dec 14-15: AGB Activity Party--CW/phone, sponsored by Activity Group Belarus, 2100Z-2300Z Dec 20. 80m CW & SSB

Dec 21-Jan 5: Lighthouse Christmas Lights QSO Party--all modes, sponsored by the Amateur Radio Lighthouse Society, 0000Z Dec 21-2400Z Jan 5, 2002. Frequencies: CW--1.830, 3.530, 7.030, 14.030, 21.030, 28.030 MHz, SSB--1.970, 3.970, 7.270, 14.270, 21.370, 28.370 MHz.

Dec 26: DARC Christmas Contest--CW/SSB, sponsored by the Deutscher Amateur Radio Club, 0830Z-1100Z Dec 26. CW & SSB 80m,40m

Dec 28-29: RAC Winter Contest--CW/Phone, sponsored by the Radio Amateurs of Canada, 0000Z-2359Z Dec 28. Frequencies: CW--25 kHz up from the band edge (check on the half hour), Phone--1850, 3775, 7075, 7225, 14175, 21250, 28500 kHz, 50 and 144 MHz for both modes. // Dec 28-29: Stew Perry Top Band Distance Challenge--CW, sponsored by the Boring Amateur Radio Club, 1500Z Dec 28-1500Z Dec 29. /// Dec 28-29: Original QRP Contest--CW, sponsored by the QRP Contest Community, 1500Z Dec 28-1500Z Dec 29. Frequencies: 80-20 meters.

Dec 31-Jan 1: ARRL Straight-Key Night--see page 94 of of QST.

VHF SWEEPSTAKES Party at the Clubho

COMING IN JANUARY - CONTEST ING PARTY AT THE CLUBHOUSE ALL MEMBERS WELCOME TO JOIN IN.

This looks to be a great experience f anyone who wants to see what conte ing is all about.
See Details on Page 15

Pacific NW Hamfests

No ham fest were posted for this month.

Here's Wishing You All the Best fo the Holiday Season! For a smile, read the Letter to Saint Nick on page 19.

Saturday, December 28th 30th Mini Swap Meet at the Clubhouse

9 a.m. to 2 p.m. There will be food (ho dogs, etc.)

Bring in your items you want to swap o sell or stop by to see what others bring

PINOCHLE & POTLUCK

See you December 7th!

For info call: 253-759-4898

Jack, WA7ENB & Marilyn Moore

Other fall/winter gatherings on 1st Saturdays

Every Saturday the Clubhouse is open fro a.m. to 2 p.m.

Dec 11th

UPCOMING PROGRAMS AT RCT

WEDNESDAY, DECEMBER 11TH - THE LATEST NEWS FROM THE FCC AND THE ARRL

Greg Milnes, W7OZ, the ARRL Northwestern Division Director will inform our club about the latest FCC proposals and rulings that affect amateur radio and what actions the American Radio Relay League is taking to protect our interests. He will discuss the congressional bill concerning amateur antennas in restricted housing areas. Also, of interest are the preparations for the World Radio Conference to be held in 2003, which will address the requirement for CW skills to obtain a license, restructuring the 40-meter band, and possibly make available a new 5 MHz band.

WEDNESDAY, DECEMBER 25TH - CHRISTMAS DAY - NO MEETING

Have a great Holiday!

ARRL RCT VE Team Report by Shirley Murphy, N7QHW

November 2002 only had our regularly scheduled testing session but included with this report will be the results of the second session from October. Fifteen people tested during the 2 VE Testing sessions, one held on October 23 and the other on November 12, 2002. Out of the 15 people, 9 people achieved a new license, 1 person passed the written portion of an upgrade, 1 person passed morse code to achieve a Tech with HF and the remaining 4 people were not successful in their attempt to pass the requested test element.

Overall, there were 15 test elements given. 11 were passing and 4 failures for a percentage rate of 73% passing. Achievements included 9 Technician Class license, and 1 Tech with HF.

NINE New Licensees!

CONGRATULATIONS TO ALL!

Congratulations to Stephen Morton, KD7YQT, who is well on his way to becoming a general class licensee.

Congratulations to the group of instructors who prepared the people so well that most of them were successful at this testing session. A great big thanks is do the instructors also for doing two different classes in one month. That's a big chunk of time and I know people appreciate it very much. Thanks also to the VE Team members who helped make the testing session run so smoothly while I basked in the sun on Maui. It is very much appreciated and couldn't be done without you. .....

73, Shirley, N7QHW, Radio Club of Tacoma VE Team Liaison

Amateur Radio License Instruction at RCT

Radio Classes Offered

The next Radio Club of Tacoma class for the No-Code Technician Amateur Radio License is scheduled for **December 7 & 8th**. Anyone interested in the December class should contact Jerry W7BUN at 253-845-7652 or w7bun@wa.net for information.

- W7BUN also offers classes for upgrading your license. A General class upgrade course is scheduled to start in January. Extra Class upgrade course to be offered after New Year's if enough people sign up for it.

For information about either the General class or Amateur Extra class course, contact W7BUN. The General class meets weekly for five evenings, the Amateur Extra class meets weekly for eight evenings. License manuals will be available. Again, contact Jerry W7BUN for information.

Contact Jerry W7BUN at 253-845-7652 or w7bun@wa.net for information about enrolling in any of the amateur radio instruction classes.

NOVEMBER OPERATING PARTY AT THE CLUBHOUSE

The digital operating party was held as scheduled on November 23 2002 and ran from 6:00 P.M. until nearly m night. The twenty -five attendees enjoyed a meal of spaghetti, garlic bread and a salad complemented by a sup of fine Italian wine which was located at considerable effort by the chef.

The fellowship was most pleasant, but the evening stayed in focus with an emphasis on operating. As soon as t meal was completed everyone went to work on the bands and kept on making contacts in spite of poor band cor tions.

The museum station as well as the main station were used for cw. The PSK station was in use all night thanks a new program supplied by Al K7HW. Also of interest was the old Teletype machine that mysteriously sprang life at a late hour. This machine is featured in a movie soon to be released and was appreciated by all who saw

There will not be a party in December, but January's party is already scheduled and the operating party for Fe ruary is in the planning stages. Anyone with any suggestions or interest in a party should contact me for assistance in planning and scheduling.

While I supplied the sauce for the pasta, Rich N7ANF supplied the garlic bread and Mike, KB7ZDR supplied th salad with the Dollar Store dressing. 73 John AC7LK

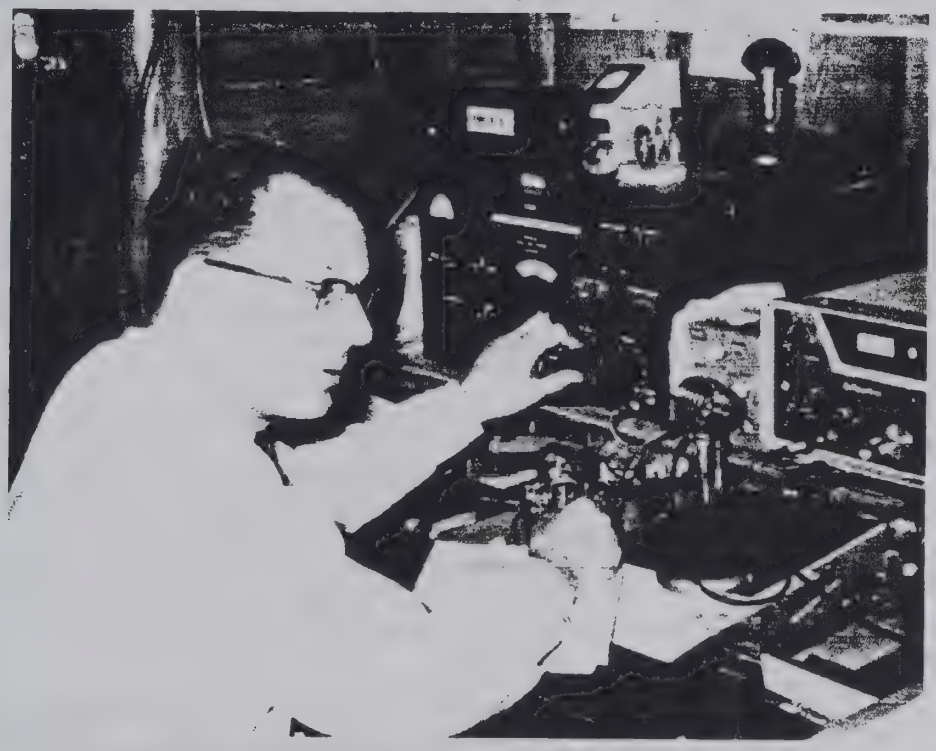
RCT 147.28 MHz Tuesday Evening October2002
Checkins to Tuesday Night Net

Net Control Stations: October 1 - KK7QS; October 8 - KA7IOX;

October 15 - W7BUN; October 22 - K7BUD; October 29 - W7BUN

KA6ZMT - MIKE - 1
KD7AAG - MARK - 1
W7AEA - MAX - 4
N7AHR - BOB - 1
N7ANF - RICH - 3
KJ7BN - MARILYN - 5
AC7BU - AL - 1
K7BUD - BUD - 3
W7BUN - JERRY - 5
K7DBU - JACK - 1
W7DON - DON - 5
W7EC - HAL - 2
AB7F - JOHN -1
KK7FM - GEORGE - 3
WT7G - JOHN - 2
KA7HJN - CHUCK - 1
K7HW - AL - 2
KD7HYT - SANDY - 1
KD7HYU - DEL - 1
KA7IOX - SCOTT - 4
W7IMW - JACK - 5
K7JIL - JILL - 4
KC7JME - NORA - 2
KC7JPJ - BRUCE - 2
AC7JY - FRANK - 4
KD7KPY - KEITH - 2
KD7KPZ - DANA - 2
AC7KQ - RAY - 3
AC7LK - JOHN - 4
KD7NES - GWEN - 3
N7NKO - DEAN - 1
KD7NPU - JERRY - 1
W7NTF - GARY - 1
KD7NUV - MICKEY - 5
WA7OHG WADE - 4
KC7OKS - ED - 3
KD7OPO - BOB - 1
WQ7P - ROLAND - 1
KD7PAU - JOE - 3
KD7PTF - JEFF - 1
K7PZF - JOHN - 4
KB7QAG - JEFF - 5
N7QHW - SHIRLEY - 1
N7QHX - TOM - 1
K7QLC - DON - 1
KB7QLJ - BOB - 3
N7QOZ - BOB - 4
KK7QS - MICK - 1
KK7QW - PETE - 2
KD7QYT - STEVE - 2
N7RHX - JIM - 1
KD7RKV - KYLE - 1
KD7RNJ - RICK - 1
K7ROL - CAROL - 3
N7RRL - MARK - 2
W7RSF - RUSS - 1
W7RW - ANDY - 5
KD7RWT - GINO - 4
W7SKI - BOB - 1
KD7SQR - DOUG - 2
KB7SVX - JEAN - 2
KD7SXU - GARY - 1
KD7SXX - CATHY - 1
KD7SXY - JIM - 2
KD7SXZ - RODNEY - 1
N7TZQ - DENNIS - 1
KC7VUJ - MARTY - 1
KC7VUM - LOU - 4
KC7VUQ - JONATHAN - 2
W7WG - WORTH - 2
W7WIA - OLIVER - 2
AB7WJ - BILL - 3
KJ7XJ - ERIC - 1
KB7ZBN - ED - 4
KB7ZDR - MICHAEL - 4
KB7ZDS - GARRY - 1
KCZWG - MARTY - 2
KC7ZWM - JESSICA - 1
N0XXQ - NATHAN - 1

In Remembrance Max Bice, W7AEA



Max Bice W7AEA photo from 1960s W7DK Archives

This from "Meet Max Bice W7AEA" April 1965 Loggers Bark

Max was born and raised for eight years in Toppenish and Yakima, Washington. From there his folks moved to Seattle and in about 1937 came to the Tacoma area. Max was first licensed as an amateur in 1928 at the age of 15 and held an Advance Class License. He also had a 1st Class Commercial License as of 1936. His only other call was a Portable Amateur Call of W7BHJ back in the days when it was required for portable operations. This call was dropped about 1940 when the call was no longer required.

Most of his operating was the 100 or less watts up until about 1955 and all of the equipment then was homebrew. His first real commercially-built transmitter was a Johnson Ranger. "My first love," said Max, "is SSB and CW." To prove it he collected numerous awards. He pursued DXC with 172 confirmed by 1965 and held WAC; DXCC; RCC; Royal Order of Wouf Hong; Quarter Century Certificate; Hope Certificate (worked in Indonesia Harbor); and TOPS CW Club. At the time he earned the Tops CW Club Award, he was one of perhaps two amateurs in this area to have attained that goal. Max also was among the first in this area, along with Alex, W7AZR, on teletype with two-way communications.

In the 1960s, it was reported "In his position as General Manager of KTNT Radio, FM and TV, Max was kept pretty busy with his traveling and other commitments so wasn't able to join in on as many Club activities as he would have liked to. He did join fellow club members on Field Day, however, pounding the key in the 40 CW shack" and he was on one of the radio club's bowling teams.

(This information taken from the April, 1965 BARK reported by Dick W7RGD).

Radio Club of Tacoma members will remember Max as one of our valuable "senior members," as he was one of the oldest surviving members of the radio club. Besides his many years of service to the RCT, he served as board chairman with the National Association of Broadcasters and was state chairman for the FCC's Emergency Broadcast System, was an adviser to several Pierce County colleges, in the Coast Guard Auxiliary, board member for the United Good Neighbors, the predecessor for the United Way, and helped build KGHP-FM in 1987, a music and information radio station run by the Peninsula School District. In the history of Tacoma and Pierce County, his name will be forever tied to the radio and television community as a true pioneer.

Max is survived by two daughters, Kathryn Gallaher and Luann Bice; five grandchildren; a brother; and two sisters. His wife, Margaret, and daughter, Marilyn, preceded him.

Max enjoyed ham radio, his friends and life in general. All of us and Ham Radio are better off for having the Max Bice on the airways and the pathways with us. All of us at the Radio Club of Tacoma extend our deepest sympathy to his family.



What do you do with a Rubber Ducky?

Well, alot has happened since November…

We got the clubhouse classroom painted and we're putting up a chair rail to keep from scuffing the walls with the tables and chairs. Shelves are being put up high in the class room so we can move some or all the antiques in the East Radio Room down out of the way. This will allow us to install a new state of the art VHF/UHF station on the South wall and all the new antennas to go with it. Going to be some relay cool stuff! Also we've cleared out the little front alcove and painted it. After a new floor, we will move in the VHF and UHF repeaters, giving us still more room for more cool stuff to play with. A very good use for the little alcove. We'll let Nick, WA7IVO and John AC7LK give us all the details.

Did you ever swing a 6 Meter, 2 Meter, or 70 Cm high gain beam around and work VHF/UHF DX? Even Portland or Bellingham or BC, Canada using direct DX, like HF. Wow-fun stuff huh? Or if all else fails we can go "virtual DX" using the IRLP. Something for everyone, not just the "good ol' boys on HF", any more.

Look for antenna handouts at the meetings or on Saturdays at the clubhouse. There is NO reason you should be stuck with a low gain antenna, unless you live under a bed or in a basement with a grumpy landlord.

So come by the Saturday open house have a donut and see all the new changes taking place. Don't forget to feed us your ideas. We're all in this together.

73, Rich N7ANF

RCT Vice Pres. And Host at the Clubhouse on most Saturdays



Hi. I'm Rich N7ANF. Don't Be a Stranger! Stop By the Clubhouse Sometime!

We Regret to Inform You... ...of Silent Keys

Nona Prout N7TPF....Nona Prout went through the Club's Technician class in 1991 and held a Technician Class license. She joined the RCT in 1992 and held RCT #1461. Nona passed away on November 4, 2002 at the age of 84. Her husband, Dick, W7VIC, passed away before her.

All of us at the Radio Club of Tacoma send our deepest condolences to Nona's family and friends.

Frank Moorhead, W7DWW....Frank joined the club in 197 and held RCT #0846. Frank passed away on November 8th; he would ha celebrated his 88th birthday on December 30th He was very active for ye with the Maple Valley Wireless Society as a W5YI Volunteer Examiner. He handled the Morse Code testing for that group until he resigned in the d 90s. One year he was in charge of the banquet at Hamfair (the ARRL Northwestern Division Convention) at PLU with over 400 attending the banquet.

Frank gave much back to the hobby and will be missed by all who kn him. The members of the Radio Club of Tacoma extend our sympath to his family and friends.

Joe Bushnell WA7NBLE....Joe Bushnell, W7BLE, joined he Radio Club of Tacoma in 1972 and held RCT #0683. He moved from he area to Pacific Beach and had resided there for several years. He w a faithful member and joined every year even though he was so far aw y. He was very active always in ARES/RACES activities, here as well Pacific Beach. He was the Emergency Coordinator for Grays Harbo County until he resigned just a few years ago. Joe worked as an edi a- tor and was retired from the military. With wife Dianne, WA7BLF no son, Tony, KB7MPD Joe enjoyed life in his "house of hams." Joe pa ed away on November 9, 2002 and will be missed by his family and frie d- and his call will be missed on the radio.

Joe's dedication to emergency and public services aspects in amateu radio will be missed by all. All of us at the Radio Club of Tacoma ex tend our deepest condolences to Dianne and his family.

Max Bice W7AEA...Max Bise, long time member of the Radi Club of Tacoma passed away on November 18, 2002. Max joined th Radio Club of Tacoma in the early 1930s, and was manager of KTN Television, Channel 13 for many years. (See more on pages 10 & 13

The officers and members of the Radio Club of Tacoma extend our sm pathies to the families and friends of this month's Silent Keys

TREASURER'S REPORT

OCT 2002

de Roger WA7ANJ

INCOME

BADGE SALES	$27.00
BARK	7.00
BOOK SALES	646.95
CLASS (NET)	123.00
FIELD DAY	12.27
FLEA MART	4774.70
DUES	115.00
DOOR PRZ	26.10
MISC (FOUND)	85.00
TOTAL:	**$5817.02**

EXPENSES

ATT/BB	$60.15
BADGE COST	30.46
BOOKS COST	243.79
INSURANCE	252.00
MAIL (bulk)	100.00
POSTAGE	13.05
TELEPHONE	66.30
UTILITIES	272.35
TOTAL	**$1038.10**

NET: $4778.92

Letter to the Editor

To: The Loggers Bark:

After attending the RCT meeting on 13 Oct., I went home and over a cup of coffee I was thinking of the meeting. There was a young visitor who surely must have been very interested in Amateur Radio. He had a small child to attend to and yet through it all he stayed for the complete meeting.

(Continued on page 19)

Editorial by Lynnette KD7BVO

Since I started as Editor of the Bark, it has been a joy for me to do. This month's edition, however, has been difficult, as I've been reading about and writing about the Silent Keys. My prayers are with all who lost someone this year. I know there will be empty places around your tables and in your hearts this holiday season. The holidays always bring back my memories of family and especially the first Christmas without them.

I did not know any of this month's Silent Keys personally and that fact bothers me. My New Year's Resolution for the Bark is to get to know as many Radio Club of Tacoma members as I can and to introduce them to all of you.

I've been doing some research on the Club history by reading the original Barks from the 1960s (when the Bark originated). For many years Margie Chavis, K7AMJ and Dick Ryan, W7RGD put out a publication that is truly a joy for me to read now. They ran a "member's profile" on many of the club members and as I read through the issues, I felt like I got to know the members of the club from those years. They also included several "fun" items like puzzles, poems and cartoons. Anyone who'd like to contribute to our effort of including some fun things, is most welcome to send their submissions to me.

Many of the articles in the old Barks are especially enjoyable and still pertinent today and we will try to include some of those in the coming months.

I'm also asking that any members who would like to contribute articles on any topic to feel free to do so - every month I'd like to have at least one contribution from someone new. If you don't have a New Year's Resolution yet, here's one for you "I will write up at least one article for the Bark." Here are some topic ideas:

- Your life history in 350 words or less including your current amateur radio interests and passions.
- Your "dream radio station."
- An interesting DX (or stateside) contact.
- Radio operating hints or equipment tips or station/antenna building tips.
- An "educational article" about "how I learned [XYZ] for the Amateur Extra License Exam" etc.
- Anything else? Send them in!

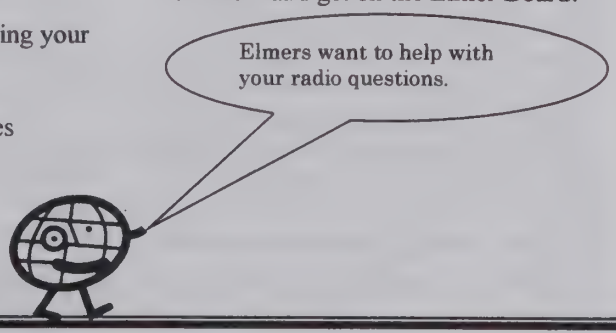
ELMER BOARD

Do you need help with some area in ham radio? Here is a place to start… First is the listing of areas of support, followed by a list of members' areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment
12. IRLP

Name/Call Sign	Phone Number	Help with topic
Jerry, W7BUN	253-845-7652:	1,4,6,9,10
Alan, KB7SVU	253-840-4947	4,5,10
Frank, AB7YZ	253-752-8520	2,3
Roger, WA7ANJ	253-475-4293	1,2,3,4,7,8,11
Angela, KC7EQ		2
John, AC7LK	253-984-6709	12
Mick, KK7QS	253-847-8223	12

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the Elmer Board!



MUSEUM MUSINGS by Worth W7WG

Forward to the Past: Amateur Radio during the Last Century

Max, W7AEA helped us at the Museum. When we took him up to the museum and showed him around, he recalled many of the pieces of equipment specifically, and most, as a type. Later he donated an old speaker, which Michael said was quite valuable, that is stored away until a good display site is determined.
Max talked about his early hamming days and the way he went from a boy ham to becoming the outstanding person in Tacoma radio and then TV at KTNT channel 11 belonging to the Tacoma News Tribune.

In the past year I picked him up on Saturday morning and took him to the Clubhouse, sometimes Ed brought him in. On the way home we had lunch across from TCC at Grandy's, which he knew and liked from meeting there with some of his many groups. There we would talk about our early days in amateur radio, his earlier than mine, and I learned much about how he went from being an EE student at UW to becoming the Vice President in charge of operations of KTNT.

From reading the account of his life starting on the front page of last Friday's (I believe) Tribune, his obituary, and the many displays and talks at his celebration of life at the Gig Harbor Yacht Club Sunday I found out that there was much, much more to his life.

A couple items impressed me. Max actually got his license when he was 15 in 1931 (Morel got his license in 1932 when he was 12 1/2. They both had electrical shop teachers in school who encouraged their students to get into ham radio.) When he was 14 he wrote his "autobiography", several pages of which were on display at the Yacht Club Sunday. The pages were very neatly written in longhand. He told about his interests, but he predicted that in five years he was going to be in radio, working at some large commercial station, which actually became reality. Other predictions of his future came close to actually being realized, judging by the stories in the Trib and in the obituary.

Several family members and friends talked about liking Max so much and how much he had helped them. He was a president of our Radio Club, the Commodore of the Gig Harbor Yacht Club, president of the Tacoma Kiwanis, and so it went. He was into yacht racing notably as a member of the crew of George Russell's yacht in the annual Swiftsure Yacht Race, I believe.

Two or three of the people who talked, including his son and daughters, told about how clever he was in repairing things and finding solutions to difficulties by concentrating so intensely on the problems.

You may have heard Max when he got up and talked at Tom Murphy's program on Pace Makers during a Club meeting. The members really were entranced by his account and answers to their questions. A couple months later when I and Rich showed off old museum rigs, I got Max again to talk, which again held their attention so long I didn't have time to show a VCR tape I had made. I am glad that I brought him in then.

Tom also had Max talk at another program about Pace Makers at the Issaquah Amateur Radio Club. Again he really held the audience's attention.

Tomorrow I am to go with Nick Winter to evaluate some of the Museum old rigs and receivers. I had it all planned to have Max come to give his opinion about those equipment based on his past experience with them.

We will all miss him. Worth, W7WG

Max Bice, W7AEA, SK

I'm glad I had the opportunity to personally meet Max. .

I first heard of him when I was a young Electronics Mechanic in Shop 67, Electronics, at the Puget Sound Naval Shipyard, Bremerton, WA, in 1965.

I was just out of the Air Force, and 25 years of age. I had a General class amateur license, and a Commercial First Class Radiotelephone license, and wanted to put it to work. Some friends and I decided we could do marine radio servicing in our spare time. Maybe even Avionics. Or get a "moonlighting" position as an engineer at a local radio or tv station. We could do it!

Everyone we talked to about these opportunities were duly impressed with our enthusiasm and apparent qualifications, but they would ask if we had "talked to Max Bice". We started asking about HIM, and soon found out that he was involved in virtually ALL the commercial services in the communications field in this area - if he wasn't DOING it, he was a CONSULTANT for it!

Well, as we learned more about the government regulations, paper work and financial aspects, we decided our "dream" should go on hold for awhile. And so it did.

I met Max at the program presented by Tom, N7QHX, at a recent RCT meeting. I introduced myself, and told him how he had become an icon to me many years before ... even in recent years, the phrase "talk to Max Bice" cropped up frequently. I called him a time or two, enjoyed the chat AND the input he provided for the problem I was working on.

I'll miss him - over 37 years, he's been one of my heroes, and I wish I could have known him better. But I am glad that I got to meet him.

73, Max. Roger WA7ANJ

Challenge!

Two months ago, the following problem was presented:

A sealed metal box has three electrical terminals on the outside. An ohmmeter test reads two ohms between any two terminals. Draw the two possible circuits that are inside the box.

Last month, the answer was given: The box could contain a delta circuit of three-ohm resistors, or a wye circuit of one-ohm resistors. Then the question was presented: How could one determine which of the two possible circuits were in the box?

The answer: Since there are two ohms between any two terminals, the box with either circuit will give the same results when voltages are added or measurements are taken. The only way to tell which circuit is in the box is to apply an ever-increasing voltage to two terminals until a resistor burns out. If the circuit was a wye, there will be an open circuit between those two terminals. If the circuit was a delta, there will be six ohms between the two terminals.

Thanks to the several who responded to this challenge. Jack, K7DBU, sent in the correct answer.

CHALLENGE OF THE MONTH FOR DECEMBER

Joe Wiseham is installing a nine-conductor communications cable between two villages in the Himalaya Mountains. He has to string the cable between two mountaintops several miles apart. This involves several days of climbing the two mountains and several days of trekking through the jungle pulling the cable.

When he finishes the job, he realizes that he didn't mark the wires at each end so he doesn't know which wire at one end is the same wire at the other end. The wires are all the same size and not color-coded. He has no helpers and all he has for test equipment is a simple continuity checker - a battery and a light bulb wired in series.

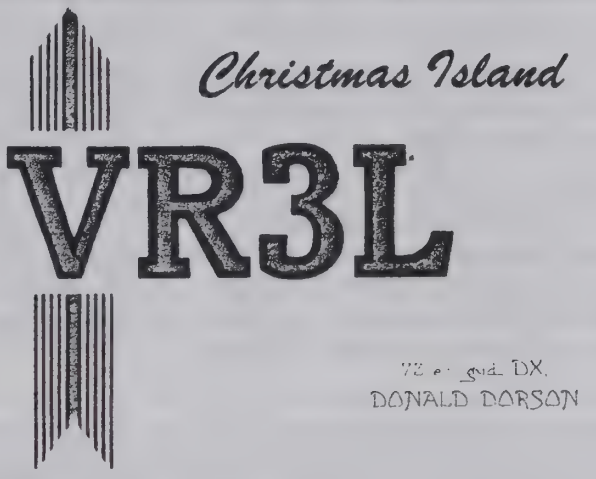
Joe doesn't want to make more lengthy trips than necessary, so he figures out how to label the wires at each end of the cable in one round trip. Can you figure out how he did it?

Merry Christmas and Happy New Year!

From the Martek's "House of Hams!"

W7DO, KD7BVO, KD7GJM & KD7SOE

QSL Card of the Month

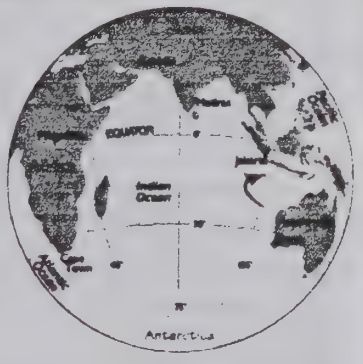


CHRISTMAS ISLAND

Christmas Island, one of the Territories of Australia, is located in the Indian Ocean approximately 1,350 km from Singapore and approximately 2,650 km from Perth, Australia.

The island has an area of 135 square kilometers. It is the summit of a submarine mountain and consists mainly of limestone with layers of volcanic rock. The climate is tropical and temperatures range from 21°C to 32°C. Humidity is around 80-90% and the Southeast Trade Winds provide pleasant weather for most of the year.

Christmas Island was named on Christmas day 1643 by Captain William Mynors, the master of a passing ship. Following the discovery of phosphate deposits, the island was annexed by Britain in 1888. Japanese forces occupied Christmas Island from March 1942 until the end of the Second World War, and in 1946, it became a dependency of Singapore. By agreement with the United Kingdom, sovereignty was transferred to the Commonwealth of Australia on 1 October 1958 under the Christmas Island Act of 1958. The extensive phosphate deposits on Christmas Island have been mined for many years.



Christmas Island joined the Commonwealth of Australia in 1958

General and Amateur Extra License Classes Planned

For anyone wanting a class for upgrading to General Class or Amateur Extra Class Licenses, contact Jerry, W7BUN at 253-845-7652.

Classes are planned to start in January.

ARRL VHF Sweepstakes Contesting at the Clubhouse in January

Members of the Radio Club of Tacoma are invited to an operating party in January for the ARRL VHF Sweepstakes Contest.

The object of the contest is "To work as many amateur stations in as many different 2 degrees × 1 degree grid squares as possible using authorized frequencies above 50 MHz. Foreign stations work W/VE amateurs only."

The fun takes place Saturday, January 18, 1100 to 2300 PDT and Sunday, January 19, 900 to 2000 PDT (Contest officially begins 1900 UTC Saturday and ends 0400 UTC Monday, January 18-20, 2003.) Contest rules are available on-line at: http://www.arrl.org/contests/rules/2003/01vhfss.html)

Saturday January 18 through Sunday January 19 - Everybody is invited

Old and new Hams or RCT members are welcome, and especially Technician licensees.

Several stations will operate SSB CW, and FM on 6m, 2m, and 70c Food is provided both days, and p ticipants are welcome for all or p of the time.

The party is being organized by Marty Johnson KC7ZWG, Gino M roni KD7RWT, and Doug Oakma KD7SQR, with help and support from Lynn Neece KB6OKS. Plea direct inquiries to Doug: oakmande@plu.edu, or give us a call the air. We look forward to seein you at the Club House.

"If you find mistakes in this paper, they are here for a reason. We believe that we print some thing for ev one so the mistakes are for those who look for them."
From the Aug, 1979 Bark Still valid today!

MEMBERSHIPS

Just a reminder that now is the time to be renewing your club membership for 2003. Scott, NF7Y will be requiring a completed membership form from everyone so we can ensure all information is current and correct in our database. You can grab a copy of the form at the clubhouse, or from the website http://www.w7dk.org/.

Any Questions about membership? Please contact our Membership Chair:Scott NF7Y 253-925-8637 Email: shebang@qwest.net

SILENT KEYS: (see page 11)

ADDRESS/PHONE CHANGES/CORRECTIONS

Roland Svenson, Issaquah changed his call sign from KD7MAA to WQ7P

Email Address Changes, Additions, New Calls, Upgrades: None Reported

Membership forms were in Last month's BARK - get yours in!

DID YOU KNOW? Winifred Williams (ex-Dow) (ex-7FG) – said to be the first XYL to be licensed west of the Mississippi. She was Radio Club of Tacoma member #10.

DIRECTIONS TO THE CLUBHOUSE
1249 South Washington Street, Tacon Washington

FROM I-5: Merge onto WA-16 W via it number 132 toward GIG HARBOR & BREMERTON GO 1.12 miles

Take the UNION AVE. exit. On Sou Union Ave, turn RIGHT AND GO .81 iles to the North to 15th Street.

(15th Street is a stop light with a left rn lane.)

Turn LEFT onto S 15TH ST and go 1BLOCK towards the West. (0.07 mi)

Turn RIGHT onto S WASHINGTON And go about 0.15 miles North to the ub-house - It's on the East side of the str with a radio tower. Park on the Sout r North side of the building.

Most members come in through the b door. No need to knock - it's your clu house, just come on in. Usually Rich N7ANF is there to greet you and offe ou cup of coffee and show you around. B g friend to have a look at the museum; there's always someone to talk to, sor thing to look at.

Sunshine & Congrats

If you know anyone in the club who could use a word of cheer, con gratulations or condolences, please contact Jill Palmer, K7JIL, 25 539-7772 or e-mail hamtalker2@msn.com

Saturday, January 4 is Kids' Day on the radio by Lynnette KD7BVO

"CQ Kids Day, CQ Kids Day this is KD7GJM"

On January 4th, it's Kids' Day on the radio sponsored by the ARRL. The stated purpose of Kids' Day is" to encourage young people (licensed or not) to enjoy Amateur Radio. It can give youngsters on-the-air experience so they might develop an interest in pursuing a license in the future. It is intended to give hams a chance to share their station with their children."

Besides January 4 from 1800 to 2400 UTC, the other Kids' Day in 2003 is June 21st. It is suggested that kids give each other their name, age, location and favorite color. All participants are eligible to receive a certificate – the certificates are downloadable from the ARRL web page (www.arrl.org then search for kids' day) or by sending a 9X12 inch SASE to Boring Amateur Radio Club, PO Box 1357, Boring, OR 97009.

At our house, Monica, KD7GJM has monopolized the radio on at least one Kids' Day each year since she got her General Class license two years ago when she was 14. Most times she'll be on for the whole six hours and she is very popular. Her dad W7DO and I are really proud of how she handles herself and keeps her composure when she creates the pileups. She's talked to kids as young as 2 years old and as old as in their 90s (who call to say how well she is doing).

Last year in June, Monica was the main attraction for a Science Museum in Edmonton, Alberta where they have an amateur radio set up. The ham in charge of the station there said he had dozens of kids lined up to talk to Monica.

Two years ago, Monica was working her way through a pileup when an adult male's voice kept booming in with his call sign. Monica was trying her best to work the "little voices" and this man's big signal was drowning out the little kids. Gary heard this, took the mic and said something like "listen old man, she's trying to work the kids, so we'd appreciate it if you'd give her a break." After working a toddler on the East Coast who happened to be the child of one of our radio friends, our friend came on and asked for W7DO. He told Gary that the man who was trying to get in to Monica was the President of the ARRL! (Months later, at SeaPac, Gary and Monica ran into the Pres., apologized and "no hard feelings.")

Kids' Day really is a lot of fun for the kids, and if you are lucky enough to have a kid on your radio, it is fun for you, too. I don't know if Monica will be on this year or not but if she is, you can bet she'll have a great time.

Details about Kids' Day can be found in the December QST page 96. (If you have an interesting Kids' Day experience, please send the BARK Editor a note so we can report it here.)

W7DK Field Day 2002 Results in Class 5A: 10th Place

Field Day 2002 Results

Results from Field Day 2002 appeared in the December QST. Here are the results in our category 5A. Also included are other WWA clubs in the category.

Class A stations are clubs or groups operating with three or more participants. The listing shows club or group name, total number of QSOs, number indicating power output used (2 is less than 150W), number of participants and total score and bonus points and ARRL section.

5A (92 clubs)

1. Udder Radio Club W1MOO 5758
   2 30 17,720 VT

2. Huntsville ARC K4BFT 5379 2
   60 15.590 AL

3. Ozaukee County RC W9LO 3749
   2 35 12,656 WI

4. Western ARA N6ME 3139
   2 14 11,194 ORG

5. Eastern ARA K1MUJ 3010
   2 40 10,160 CT

6. Murgas ARA K3YTL 3093
   2 34 9,460 EPA

7. AK-SAR-BEN ARC K0USA 2974
   2 60 9,274 NE

8. Schenectady ARA K2AE 2553
   2 50 8,854 ENY

9. Gainesville Hams & Santa Fe College K4EAC 2093
   2 34 7,986 NFL

10. Radio Club of Tacoma W7DK 1893
2 47 6,872 WWA

18. MicroHams/Icom N7IH 1191
    2 56 4,800 WWA

27. Boeing Employees ARC K7NWS 961
    2 28 3,968 WWA

49. Clark City ARC W7AIA 549
    2 36 2,794 WWA

For a more complete listing of Field Day 2002 scores, see the December 2002 QST. In QST, the GOTA "Get On The Air" station calls are given. For W7DK this was AC7LK.

Field Day is every year at the end of June and if you haven't yet participated, please make plans to join your fellow club members there in 2003. Field Day is a time for amateur radio clubs to get their members together for a fun weekend, set up equipment and test their abilities to operate for the ultimate challenge of emergency operations.

There aren't any certificates or awards sent out to the top scorers.

Field Day is a fun time - make plans to join in the weekend activities at the end of June, 2003!

News from the ARRL

de Jerry, W7BUN

WRC-03 Conference Preparatory Meeting Under Way

The Conference Preparatory Meeting (CPM) for next year's World Radiocommunication Conference (WRC-03) opened in Geneva, Switzerland November 18. Some 1000 delegates are attending the worldwide gathering.

"The objective of the CPM is to approve a 500-page CPM Report to WRC-03 that will provide a technical basis for consideration of administrations' proposals for changes in the international Radio Regulations," explained ARRL Chief Executive Officer David Sumner, K1ZZ. Sumner is attending in his role as International Amateur Radio Union (IARU) secretary. He says 174 "input documents" to the CPM offer comments on the existing draft CPM Report text and propose additions, deletions, and changes.

Chairing the CPM is Germany's Eberhard George, DL7IH. At the day-long opening plenary, George and the chairpersons of the various working groups provided an overview of the meeting's structure and the major issues facing WRC-03.

"Several of the working group chairs were quite candid in their remarks," Sumner said. "Music to many ears including amateurs' was the assessment by New Zealand's Alan Jamieson regarding so-called little LEOs--mobile satellites operating below 1 GHz." According to Sumner, Jamieson said there was no congestion in their existing bands, and sharing studies had been unfavorable. Sumner predicted that the likely outcome at WRC-03 would be the suppression of an existing Resolution that invites sharing studies on the basis of an "urgent need" that no longer exists.

A thornier issue is 7-MHz "harmonization." The IARU backs a 300-kHz worldwide allocation in the vicinity of 7 MHz. "At this stage, we have six methods to address the agenda item," Sumner said--including no change in the status quo. The item is in Working Group 5 (WG5) "We can't say for sure that the six methods will be in the CPM Report until WG5 takes another pass at the revised draft text and it's approved in plenary." That's not supposed to happen until next week.

Substantive work of the CPM will be wrapped up November 28--Thanksgiving in the US, but just another work day in Geneva.

In addition to Sumner, those representing the IARU at the CPM include President Larry Price, W4RA, and Region 1 Executive Committee member Wojciech Nietyksza, SP5FM. IARU Vice President David Wardlaw, VK3ADW, is on the Australian delegation and ARRL Technical Relations Manager Paul Rinaldo, W4RI, is on the US delegation.

Several other amateurs are on their national delegations, either to represent the amateur services or in professional capacities.

DXCC Legend Bob White, W1CW, SK

Former ARRL Headquarters staff member Bob White, W1CW, died November 22 in Florida from complications arising from pneumonia. He was 83. White was an ARRL Life Member and had belonged to the League for 62 years.

Known to many as "Mr DXCC," White was the manager of the ARRL's DX Century Club program from 1952 until 1976, establishing the award--and its stringent standards--as Amateur Radio's premier DX achievement. White codified the rules for the DXCC program and c[ ]saw the checking of some 250,000 QSL cards submitted yearly, oft[ ]working as many as 90 hours a week to ensure that the job got done right. White also oversaw the ARRL QSL Service from 1976 until 78.

"Dad was the guy who made DXCC what it was," said White's son, [ ]White, K4OJ, in a posting to the CQ Contest reflector. "He didn't c[ ]any corners--everyone was held to the same high standard--and this what made holding DXCC meaningful."

Introduced to Amateur Radio in his youth by his stepfather, Gordon Brown, W6APG, White was first licensed in 1938. He served as a r[ ]io operator in the US Navy during World War II.

White was an avid DXer, contester and CW enthusiast whose fist w[ ]familiar to thousands of hams. Active in the First-Class CW Operat[ ]Club, White was inducted into the CQ DX Hall of Fame in 1998. H[ ]also was a member of the A1 Operator Club.

Survivors include his wife Ellen, W1YL, and his son Jim, K4OJ, bo[ ]former ARRL staff members.

Friends may send condolence messages via e-mail "w1cw@tampabay.rr.com"; or to 6607 Flicker Ct, Seffner, FL 3358[ ]

The family invites memorial donations to the W1CW Me[ ]rial Fund-Florida Contest Group, c/o Frederick M Perkin[ ]3437 Lake Josephine Dr., Lake Placid FL 33852 USA. Pe[ ]White's request, there will be no public service.

Congress adjourns; HR 472[ ] expires without action

The US House of Representatives officially adjourned fo[ ]e year November 22 at 2:33 PM. The US Senate wrapped u[ ]its business earlier this week, so the 107th Congress is officia[ ]in the books. With adjournment go any hopes of passage HR 4720, the CC&R bill introduced by New York Demo[ ]t Steve Israel earlier in the year. ARRL members are requested to wa[ ]until a new CC&R bill--with a new bill number--is introduced in th[ ]next session of Congress before seeking co-sponsorship support fro[ ]members of Congress.

Daughter of ARRL co-founder di[ ]

Percy Maxim Lee, the daughter of ARRL co-founder Hiram Percy Maxim, W1AW, died November 9. She was 96. "She was a remark[ ]le woman, one more in a line of remarkable people," said ARRL Paci[ ]Division Director Jim Maxwell, W6CF. Born July 4, 1906, Percy Maxim Lee led an active political and civic life, serving as presiden[ ]of the Connecticut League of Women Voters from 1941 to 1950 and f[ ]r terms as president of the League of Women Voters of the United St[ ]s from 1950 to 1958. She received national appointments to various c[ ]n-cils and commissions from four presidents and was active in water [ ]d land-use issues in Connecticut. She also founded the Junior School [ ]ow Renbrook School) in West Hartford, Connecticut, served on the bo[ ]s of several New England schools and was vice chairman of the boar[ ]f trustees for Connecticut College. The family invites memorial cont[ ]u-tions to Lawrence and Memorial Hospital, 365 Montauk Ave, New [ ]on-don, CT 06320 or to or the League of Women Voters of the United States, 1730 M St NW, Ste 1000, Washington, DC, 20036-4508

(Continued on pa[ ]16)

(Continued from page 17)

Transatlantic VHF Contact a No-Go

Groups of amateurs from Germany, Canada and Ireland had no luck in their attempt to make the first two-way transatlantic VHF contact in conjunction with this week's Leonid meteor shower. The effort was, in part, a quest for the Brendan Trophies <http://www.irts.ie/brendan.htm> offered by the Irish Radio Transmitters Society. One group was on the Irish coast, while the other operated from Society of Newfoundland Radio Amateurs (SONRA) club station VO1AA, located at Signal Hill National Historic Site of Canada. That's the spot where Marconi received the first transatlantic signal almost 101 years ago. "It's been quite an adventure," said Paul Piercey, VO1HE, who was at the Newfoundland end. "We never made the contact because the meteor shower didn't seem as big as predicted, he said." The Brendan Trophies will go to each of the operators of the two Amateur Radio stations that first establish two-way communication between Europe and North or South America on 2 meters. The teams in Ireland and Newfoundland attempted to use the ionized meteor trails to reflect FSK441 signals across the Atlantic. A 1999 effort to complete a transatlantic 2-meter contact between Newfoundland and Scotland on CW also was unsuccessful. The group conceded that bridging the more than 1920-mile gap between Newfoundland and Ireland via meteor scatter probably would require "an unusual kind of propagation."

ARRL VEC Examination Fee to Rise

Starting January 1, 2003, the fee charged all applicants at ARRL VEC-coordinated Amateur Radio test sessions will increase from $10 to $12 for the year 2003. This fee is charged to anyone applying for a new amateur license or upgrading their operating privileges.

"While the number of examinees has remained relatively unchanged in the past 24 months, our cost of doing business--and the expenses incurred by ARRL VEs--continues to rise," said ARRL VEC Manager Bart Jahnke, W9JJ. "An adjustment was needed in the 2003 test fee if we intended to maintain the same level of service that our VEs and VE teams have come to expect."

Applicants failing an exam element at ARRL sessions where examiners permit retesting on the same exam element also must submit a retest fee of $12. Additionally, the maximum reimbursement ARRL VEC allows ARRL volunteer examiner (VE) teams to retain to directly offset their "prudently incurred" out-of-pocket expenses will go up from $4 to $6 in 2003 (this fee has remained at $4 per person served since 1991).

Jahnke said that adjusting the reimbursement level for ARRL VEs also was past due. For more information, contact ARRL VEC, vec@arrl.org.

JOTA reports show 10,000-plus Scouts took part in 2002 event

ARRL Educational Programs Coordinator Jean Wolfgang, WB3IOS, reports she's received more than 150 Jamboree On The Air (JOTA) surveys so far for the 2002 running of the event. "The reports show that over 10,225 Scouts, 3000 visitors, and 770 hams participated," Wolfgang said. "This is a substantial improvement over last year, when only 55 surveys were returned." But Wolfgang is still waiting to hear from JOTA participants and hosts in Delaware, Hawaii, Idaho, Mississippi, Montana, Nebraska, North Dakota, South Dakota, Utah, Vermont, and Wyoming. If you participated in JOTA 2002 and have not yet completed the ARRL survey, have a representative of your JOTA event complete and submit the form by November 30. It's available on the ARRL Web site's JOTA page.

ARRL honors MFJ Founder

At the second annual MFJ ARRL Day in the Park celebration October 5, ARRL President Jim Haynie, W5JBP, presented an ARRL Commendation to MFJ Founder Martin Jue, K5FLU, in recognition of his 30 years of innovative development in the ham radio marketplace. More than 300 visitors turned out for the occasion, and some 700 contacts logged during a special event station run in conjunction with the ARRL Day in the Park. Haynie also toured the MFJ facilities while he was there. June, 58, started his product line very modestly in 1972, offering some simple audio bandpass filters. Today, his MFJ Enterprises, headquartered in Starkville, Mississippi, is in the forefront of US Amateur Radio accessories and equipment. The company offers a product line that includes everything from amplifiers and antenna-related items to weather-monitoring systems and now includes the Hy-Gain, Ameritron, Vectronics and Mirage brands in addition to MFJ.

FCC Spectrum Policy Task Force Presents Recommendations

The FCC Spectrum Policy Task Force this week presented recommendations to modernize the rules that guide how the nation's spectrum is managed and utilized. The panel recommended that spectrum management evolve from a traditional government "command-and-control" model to a more flexible, consumer-oriented approach. Created by FCC Chairman Michael Powell last June, the Task Force--after research and extensive public input--concluded that the time is ripe for spectrum policy reform.

"The foundations of our current spectrum policy are cracking beneath the weight of innovation and widespread consumer use of spectrum-based services," Powell said. "This is no surprise, since most of our policies date from the 1920s." The FCC said in a Public Notice that the Task Force's report will provide a starting point for a long-term review of spectrum policy approaches.

The ARRL was among the entities and individuals commenting in the FCC's Task Force initiative, ET Docket 02-135, earlier this year. The League told the FCC that marketplace forces should not determine Amateur Radio spectrum allocations, and that interference management is a technical, not an economic, issue.

"The value to the public of a vital, growing Amateur Radio Service, while perhaps only indirectly measurable in market terms, cannot translate to a marketplace ability to pay for spectrum, no matter what the mechanism," the ARRL asserted in its comments. A market-oriented allocation processes could preclude Amateur Radio communications, the League asserted.

In its comments, the ARRL compared Amateur Radio spectrum to a public park or right-of-way. "Given the wide availability of Amateur Radio to the general public and its value as an educational and public service resource, the concept fits well," the League said.

The Task Force said some bands are heavily used while many are not in use in all geographic areas or are used only part of the time. "Thus, there may be opportunities for spectrum-based services or devices to operate in the resulting 'white spaces,'" the Task Force suggested. The Task Force said that technological advances--such as the increased use of digital technologies and the development of software-defined radios--are providing some potential answers to current spectrum policy challenges. "These technological advances enable spectrum rights to be parceled as a function of time," the FCC panel said. "Also, they allow systems to be much more tolerant of interference than in the past."

(Continued on page 19)

(Continued from page 18)

The Task Force also concluded that spectrum rights and responsibilities are not always clearly defined and that users need more certainty. "In addition, the rights and responsibilities that are defined need to better reflect more market-based models and policies," it said. Among its specific recommendations was to adopt "interference temperature" to quantify and manage interference.

The Task Force said using an "interference temperature" standard to establish maximum permissible interference levels on a band-by-band basis would place a limit on the noise environment in which receivers would be required to operate. "To the extent, however, that the interference temperature in a particular band is not reached, users who emit energy below that temperature could operate more flexibly," the panel said, "with the interference temperature serving as the maximum ca on the potential RF energy they could introduce into the band."

The Task Force said it found that new technological developments w permit access to unused or underused spectrum through time-sharin of spectrum between multiple users and lead to more efficient use of t spectrum resource."

Concluded FCC Chairman Powell, "The Commission is chartered t serve the public interest. The public has made their desire for interf ence-free spectrum-based services quite clear. The challenge now r s with us to deliver."

(Continued from page 12)

I recalled my first three meetings before becoming a member and a few meetings after I became a member. I recalled also at the meeting a young fellow applicant sitting by himself, then I recalled an article I had read that made me think that maybe all of us RCT members should refresh a little.

Here it is:

"I see you at the meeting, but you never say "Hello"

You're busy all the time you're there with everyone you know.

I sit down with the fellows but I'm still a lonesome guy.

The new fish are as strange as I, you "old" ones pass us by.

But darn it, you guys ask us in, and you talked of fellowship.

You could just step across the room but you've never made the trip.

Why can't you nod and say hello or stop and shake my hand.

Then go and sit amongst your friends, now that I'd understand.

I'll be at your next meeting,

Why don't you introduce yourself? I want to be your friend.

I can only say to you members "By gosh, If you try, So will I".

I am not signing my call or name for I feel it best, this could be from any old or new member.

....from the November, 1982 Loggers Bark

A LETTER TO ST. NICK

From the Loggers Bark Archives

Dear Santa, when you ride this year
With bulging sleigh and cute reindeer,
Please stop upon this rooftop small,
And pay this humble Ham a call.

I'll sweep the fireplace chimney clean
The hearth I'll polish to a sheen
And on the table, Santa dear,
This aging heart would glow
To wake on Christmas morn and see
A Collins S Line 'neath the tree.

And in the candle's twinkling light,
With silver plating shining bright,
I'd cry with joy and ask nor more,
An Electro Voice Six Sixty Four.

But Santa you can surely see
Tis not complete beneath that tree
To fill the package it would seem
T'would take a Mosley Tri-Band Beam.

Dear Santa, if you'll ride my way
I'll gladly ease that bulging sleigh,
And give you a list of gear –
To put beneath my tree next year!

.....Scotty K7CYZ December 1 4

JAN 2003

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
P.O. Box 11188
Tacoma, WA 98411

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JANUARY, 2003 EVENTS

Happy New Year!

JAN 4 - Pinochle Potluck

JAN 7 - License Testing - 7 PM, Clubhouse

JAN 8 - Club Meeting - Library Administration Center, 7:30 PM

Program: **CONSTRUCTING A SCREWDRIVER ANTENNA** with W7EC and W7SKI

JAN 22 - BARK deadline - PLEASE *please* get articles, columns, etc. in by that time!

JAN 22 - Club Meeting - Library Administration Center, 7:30 PM

Program: **MAKING SENSE OF DECIBELS** with WA7IVO and W7BUN

- Support OUR club - Attend meetings, volunteer, elmer
- Be listening to the weekly Tuesday night W7DK Net for more information on programs and other events. 7:30 PM 147.28 MHz
- *Check in on the 10 Meter Net every Sunday evening, 8 PM, on 28.375 MHz USB*
- See page 8 for meeting program schedule. Check the weekly net for updates to the program schedule.
- YLs - Check in to the YL Net on the 147.28 repeater every Monday at 8 PM.

January 2003

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1 New Year's Day JOHN PIRNIE KA7LTW *	2 BILL BOONE KD7QBB * DAN HALE KC7IEI * JOHN PIKE N6FUS *	3	4 W7DK Open House 10:00 AM - 2:00 PM
5 10 Meter Net 8:00 PM 28.375 MHz	6 JEFF CARTER KD7LZV * GARY MARTWK W7DO * JOHN CLARKE K7PZF * Week 1	7 GINO MORONI KD7RWT * 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	8 7:30 PM W7DK GENERAL MEMBERSHIP MEETING	9 DON SEVEREID K7LMN *	10 DEANN JENKS N7WHC *	11 W7DK Open House 10:00 AM - 2:00 PM PAUL LEBLANC K7AXJ *
12 JOHN MARTENS W7JWM * 10 Meter Net 8:00 PM 28.375 MHz	13 Week 2	14 7:00 PM RCT LIC EXAMS CHARLES CALEY WB7WOU * RAY PETERSEN W7KFN * ED BRADEK KA7HZH * 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	15 JUDSON MORRIS III KD7QYU *	16 STEPHEN MORTON NOCALL *	17 MARV WHELLER KG7V *	18 W7DK Open House 10:00 AM - 2:00 PM GARY MCADAMS WG7X *
19 10 Meter Net 8:00 PM 28.375 MHz	20 Martin Luther King Jr. Day DON LEONARD KD7OKJ * Week 3	21 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	22 7:30 PM W7DK GENERAL MEMBERSHIP MEETING PETER DAVID KK7QW * LOU IVERSON JR W7ENR *	23 BILL STEPHENS KD7KPV * ROBERT COOK AB7TW * JEAN WHEELER WA7OII * ARTHUR ALLEN KD7KQE *	24 MICHAEL DELANEY KD7NUV *	25 W7DK Informal Flea Market W7DK Open House 10:00 AM - 2:00 PM DONALD OLSON W7DON *
26 10 Meter Net 8:00 PM 28.375 MHz	27 Week 4	28 ROBERT HAGAR W7SKI * 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	29 KIRK SCHROLL KC7UFY *	30 CHARLES STILLMAN N7EEL *	31 LES DARLING W7QCI *	

club of tacoma radio W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

ARRL RADIO CLUB OF TACOMA W7DK

VOL. XXXX NR. 1 W7DK JANUARY, 2003

Events and News Brief

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- Joe Bushnell W7BLE, Silent Key Remembered page 4.
- Santa talks to children at Mary Bridge. Story in "Community Connections" page 9.
- Tuesday night net checkins See page 9.
- ARRL VHF Sweepstakes Contest party planned. See page 15

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RCT Christmas Party enjoyed by All

On December 14th, about 46 members and their guests attended the Radio Club of Tacoma Christmas party at the TACID building in Tacoma.

The pot luck dinner was organized by and attended to by Rich, N7ANF and his wife Arlene. They brought their grandson along who provided great help. We enjoyed a wide variety of dishes and there was plenty of food for all - even some of us who had seconds!

During dessert, our President, Mick KK7QS presented several Radio Club of Tacoma Certificates of Recognition (see the reprint of his speech on page 10 which is his report of the month). Each person who picked up a certificate was presented with a lovely Christmas ornament made by Dawn, KC7VZM.



Our President, Mick KK7QS and his wife Dawn KC7VZM posed for a picture at the Christmas party. Mick presented several certificates to club members. See his report on page 10.

Then our Sunshine Person, Jill K7JIL stepped up to conduct the prize giveaways. There were so many prizes that if you didn't get one, you were in the minority. The winner of the "big prize" was Al Burleson - a new radio! Congratulations, Al!

RCT FLEAMARKET 2003 DATE/SITE SET

The RCT 2003 Fleamarket will take place on August 16, 2003 at Bethel Junior High school in Spanaway. We will have two adjoining gymnasiums, the cafeteria, one classroom (for Shirley), and lots of parking.

Mick, KK7QS, RCT President, has appointed Frank, AC7JY as Fleamarket 2003 Chairman and he has submitted the sanctioning request to ARRL. Frank has appointed Jill K7JIL to be assistant Chairperson. They will call a meeting early in the new year and produce a new flier soon.

Any questions or comments please direct them to Frank at AC7JY@MSN.COM 253 539-7772.

RADIO CLUB OF TACOMA – 2003

PRESIDENT	MICK PIER	KK7QS	847-8223
V PRESIDENT	RICH MANSON	N7ANF	474-8883
SECRETARY	ED ROOT	KC7OKS	851-7463
TREASURER	GARY MARTEK	W7DO	826-0184

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Feature writers: See Page 2: Send Articles and Submissions for this publication to: lmartek@cs.com or call Lynnette at 253-826-0184 for details.

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CORRECTIONS TO LAST MONTH'S LOGGER'S BAR

Your Bark Editor apologies for the following errors in last mo issue of the Bark:

Late arrival: due to my busy schedule, the Bark was late in ge out to you - my fault.

Page 2: wasn't November should have been "December"

Page 11: Max W7AEA's last name was misspelled it is "Bice"

Pages 10, 11 & 14: We're still trying to get pictures to print ou well. I'm not going to stop putting pictures in the monthly iss of the Bark - the original Barks will be archived at the Clubh

Correction to the article on Clubhouse remodeling that appea in December, 2002: Mike is KA6ZMT and Geoff is KD7QBC.

(If you find mistakes that need to be corrected, please let me kn when you do, be kind...that's all I will say about that.)



CLUB MEETINGS: 7:30 PM 2nd & 4th Wednesdays of each month at the Pierce County Library ~~District Center~~ Admin Bldg, 3005 - 112th Street East, Tacoma, WA

W7DK/Radio Club of Tacoma

147.28 / .88 MHz (PL 103.5)

147.38 / .98 MHz (PL 103.5)

144.97 - Packet

440.625 / 445.625 (PL 103.5)

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 253-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to lmartek@cs.com or mail to Lynnette Martek, KD7BVO, 308 118th Ave. Ct. E., Edgewood, WA 98372. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. *The Logger's Bark* does not verify or guarantee statements in the S Wanted columns. Permission is granted to use any or all port articles published in *The Logger's Bark* if credit line is include report.

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The Radio Club of Tacoma is a non profit organization as def law, and all proceeds will be used exclusively for charitable a cational purposes.

In Remembrance

Joe Bushnell, W7BLE

Just read your editorial in the Bark. I am one of the somewhat long time life members. I didn't get around to reading he Bark before I received my Christmas card from Diana Bushnell. She said Joe died 3 days after their house burned o the ground. As it turns out the two items are not related. I did some searching of the Aberdeen newspaper to see if I ould find out what happened.

he two articles are combined in one attachment [ed: below]. This info for anyone who wants to know. I was stationed ith Joe at Dover AFB, Delaware. We were both members of the Kent County Amateur Radio Club. We were both in couting in Tacoma and our families used to get together over on Fox Island where he and Diana lived. His call in Delaware was K3NPA (New Papa Always). It fit. They had 10 kids. We got to attend their 50th anniversary a few ears ago. 73, Jerry k7etu@arrl.net, Treasurer Umpqua Valley Amateur Radio Club, Roseburg OR"

Obituaries: Joseph H. 'Pop' Bushnell November 9, 2002

Joseph Harry "Pop" Bushnell, a Pacific Beach resi- nt for the last 35 years, died on Saturday, Nov. 9, 2002 Grays Harbor Health & Rehabilitation Center in Aber- en. He was 76.

Mr. Bushnell was born on Nov. 26, 1925, in Port- nd, Ore., to Harry and Ester (McCarthy) Bushnell. He as raised there and graduated from Benson High School Portland. In 1943, Mr. Bushnell joined the U.S. Army ir Corps. During World War II, he served in the Asian/ acific Theater and served in Germany on the Berlin Air- ft, flying with the Hurricane Hunters while stationed in ermuda. Joe married Diana J. Kilber in 1949 at Ta- oma. She survives him in the Pacific Beach area. Their mily home was destroyed in a fire on Nov. 6. After their arriage, while he was still in the service, the couple ved at McChord Air Force Base in Tacoma, Westover Air orce Base in Bermuda and in Dover, Del. Following his etirement from 21 years of active duty, they moved to ox Island.

He then attended Tacoma Community College and acific Lutheran University where he earned a bachelor's egree in education. After that, Mr. Bushnell taught for ur years at Aquinas Academy in Tacoma. In 1974, he ttended Washington State University where he earned is master's degree in education and began doctoral ork. In 1977, the couple moved to the Moclips area and e taught science at the North Beach High School until 990, when the school was relocated to Ocean Shores.

Mr. Bushnell was a leader in the Boy Scouts of merica when his sons lived at home. He was on The aily World Reader Advisory Board, and was a Daily orld weather watcher, cheerily calling in his "Moclips neteorological observations" every morning. He was also member of the commission for St. Mary's School in Ab- rdeen. He worked with Fire District 8 at Pacific Beach, where he was a past president, and was their 911 repre-

(Continued on page 13)

Community comes together for widow who lost her home By David Wilkins – Daily World Writer

PACIFIC BEACH - Over bubbling pots of spaghetti sauce, crunchy garlic bread, green salad and an assortment of home - made desserts, more than 50 people of the Pacific Beach and Moclips area gathered Saturday night, November 23, 2002 at the new Pacific Beach Fire Station to reminisce about a man who was truly part of all of them - and to raise a little money for his widow.

Joe Bushnell was known as "Pops," hereabouts, and was a pillar of the community. Republican Party committeeman, volunteer EMT for 20 years, a 21 - year Air Force veteran and retired high school teacher, Bushnell was, according to his friends, the heart of the Fire Department. "Joe was on the ambulance crew for more than 20 years," said Shari Curtright, also an ambulance crew member. "He did most of the training for the ambulance crew as well." "He was just a great all-around guy," added Ron Matsen, a 40-year veteran firefighter and former fire district commissioner. "There was- n't much he didn't know. And he was really sharp, Joe was. You couldn't ask for a better friend."

On Nov. 6, as Joe was confined to Grays Harbor Community Hospital, the mobile home he shared with Diana, his wife of 53 years, burned to the ground, from a probable electrical fire. "It burned in the late afternoon, and then for some reason it ignited again the next morning," Diana Bushnell said. "It was all fully involved both times, when they got there. After the second fire, the walls that were left were only about three feet high." Diana lost everything in the fire. "I have 10 kids, all spread out along the I - 5 corridor," she said. "They didn't want me to be alone."

As the Apple Cup game played on a television set in the corner of the dining room at the Fire Hall, Diana, or "Ma" as she is called, greeted well-wishers with hugs. The cash total wasn't available at press time, but numbers don't really matter, she said. It's the thought that counts. "The outpouring of love from friends, and relatives, and the community," she said, in wonder. "It's so amaz-

(Continued on page 16)

Experience ATV at the RCT Clubhouse February 15th

February 15th is the date to mark on your calendar to learn about and practice the techniques of Amateur Televisio Steve KD7QYT is the contact person and plans are in the works for a fun time. Anyone who is interested in this m operating is welcome to attend. Watch for more details in next month's Bark, at club meetings, or on the 2-meter T day night net. This promises to be a very interesting experience so don't miss out!

Amateur Radio Testing & Upgrading Resources

AMATEUR RADIO PRACTICE TESTS ONLINE

These web sites are very helpful to anyone who wants to practice taking tests prior to going to a VE test session. Check them out - you'll find that when you can pass these consistantly, you are ready to pass your exam.

For those of you who are already licensed, these are fun exercises to do to keep yourself sharp.

http://www.aa9pw.com/radio/index.html

http://www.qrz.com/p/testing.pl

http://www.becomeaham.com/hamexam/index.php

AREA TESTING SESSIONS

1st Thursday 7 PM Redmond Operation Center. Contact Brian Wood K7QF, 425-481-2361

2nd Tuesday 7 PM Tacoma Radio Club of Tacoma, 1249 S. Washington St. Contact Shirley Murphy N7QHW, 253-265-3661

2nd Saturday 10 AM Tukwila Telephone Wireless Pioneer's Museum, Corson & East Marginal Way. Contact Mary Lewis W7QGP, 206-523-9117

2nd Saturday 10 AM Shelton Department of Emergency Management, Sanderson Field, 401 W. Business Park Rd. Contact Rick Colton W7SMC, 360-426-1716

3rd Tuesday 7 PM Maple Valley Fire Station, 22225 SE 231st St. Contact Dave Barber K7LHB, 253-638-1595

3rd Saturday 9 AM Ferndale American Legion Hall, 5537 2nd Ave.Contact Gene KB7LNE, 360-384-0771

3rd Saturday 1 PM Renton Salvation Army Hq, 720 Tobin Street. Contact Jan VanAllen K7YH, 206-824-9039

3rd Saturday 9:30 AM Bremerton Room B-101, Business Bldg, Olympic College Lincoln Ave. Contact Sue Johnson AB7MD, 360-697-9379

3rd Saturday every 4th month 9:30 AM Montesano High School, Pearsall Center, 2109 Sumner Ave. Contact Nick Bender NX7W, 360-24360-249-4671

4th Wednesday 6:30 PM Everett Boeing Activity Center, 6400 36th Ave West. Contact Dwayne Broderson KG7WR, 206-542-0285

4th Saturday 10 AM Everett Everett Housing Authority, 14th & Popular. Contact Loren Hole KK7M, 425-335-5158

Anyone knowing of updates to this list, please let us know

I WANT TO BE A HAM

By Dorothy C Grassman

My coffee mugs are gathering
In the back room, on a shelf
I speak new words and numbers
And I'm simply not myself.
I've been bitten by the "Ham Bu
And the fever marks are deep
I haunt the receiver every night,
When I should be asleep!
My friends have ceased to ask m
My golf clubs gather dust.
The lawnmower bares its blades t
me,
And the rake's encased in rus
I study, practice, listen and drea
Of the day I'll pass my test,
Hopeful, to soon be "on the air,"
To mingle with the rest.
You're a special breed of people,
Who willingly help one throu
You're a friendly, noble bunch o
hams...

AND I WANT TO BE ONE T

....May 1966 Loggers Bark

"You have it easily in your power to increase the sum total of this world's happiness now. How? By giving a fe words of sincere appreciation to someone who is lonely or discouraged. Perhaps you will forget tomorrow the nd words you say today, but the recipient may cherish them over a life time." .....Dale Carnegie

FIRST CONTACT AWARD

Did you know that there is a certificate that can be given to new hams for their first on the air contact? Jerry, W7E N, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full nam a call. Call Jerry at 845-7652 and provide that information along with the date of the contact, and a First Contact Av rd will be issued.

ARES/RACES BY SHIRLEY MURPHY, N7QHW

The Pierce County Amateur Radio Communication Service met on Sunday, October 27 at the RCT clubhouse. Mark Yordy, W7BBO, Emergency Coordinator/RACES Radio Officer continues to be open to any and all ideas from anyone on how you feel ARES can best be promoted in Pierce County. Contact him via email at w7bbo@juno.com.

There is a county wide drill being planned for February 2, 2003. The scenario will be an earthquake with a lahar. Part of the scenario will be that the Pierce County EOC and the building it is housed in will be out of commission. This drill is being organized by Jim Lawrence, N7RHX. Stay tuned for more information with dates, times, etc. coming in the future.

In May 2003, there will be an exercise involving King, Kitsap and Pierce counties. This is the extent of the information available at this time but keep it in mind for May. Lots of volunteers are always needed. This was announced at the WWA Section Coordinators meeting that Mark, W7BBO, attended for DEC's and EC's.

Stay tuned for future announcements for classes on Level 1, EMCOM (Emergency Communications) ARRL Certification course and First Aid and CPR courses.

A reminder to all, if you are interested in ARES and have HF privileges, you are welcome to check into the WA States ARES net held on Mondays at 6:30 PM and Saturdays at 9 AM on the frequency of 3985 KHz. The back up frequency is 7245 KHz.

ATTENTION!!!! The Tuesday ARES net is now being held on the WC7AAO repeater which is 145.37. Temporarily, you will hear it identify as the W7BAS repeater. The 146.64 KB7CNN repeater will continue to be the back up repeater. A big thanks to Bill Boyle while we have used his repeater for the past few months.

Rich Heasty, KK7VH, the Net Manager for Pierce County Amateur Radio Communications Services nets is still looking for volunteers to help run the net. Contact him if you would like to volunteer to do a net.

Shirley Murphy, N7QHW, manages membership applications and maintenance of the roster. Contact Shirley at 253-265-3661 or via email at sundancealso@harbornet.com regarding any questions or concerns relating to Department of Emergency Management Worker Identification Cards. A reminder to all that if your DEM card has an expiration date during the first 6 months of 2003, contact her for a renewal form to get an updated card.

Special Events Manager is Judy La Fleur, N7NII, who can be reached via telephone at 253-847-5198 (you must leave a message and she or her representative will get back to you).

Medical Services Manager is Pat Nicholson, N7WGR, and he is looking for volunteers to help support the communications needed for medical facilities.

Mario Badua, KD6ILO, is leading the Emergency Communications Emergency Response Team. These are the folks that are the first persons to be called out for events. He has zones 3, 4, and 5 covered but is looking for volunteers to cover zones 1, 2, and 6. Volunteers would need a 4 wheel drive vehicle equipped with radios. Ideally, a 2 person team is desired but to get started, a single person can be a responder.

Watch the NOAA website for future Skywarn weather spotter training classes. The web address is www.wrh.noaa.gov/seattle. I would like to once again encourage everyone to get active in ARES/RACES and get behind our new leadership persons and give them your support. Don't forget to check into the Pierce County Amateur Radio Communication Services net on each Tuesday at 7 PM on the 145.370 MHz repeater. We have a new web page address. It is http://piercecounty.tripod.com. Check it out and see what is happening. More information will be added as it is needed or becomes available. The net preamble is also available on the web page.

Thanks to all for your support of ARES/RACES. 73 Shirley, N7QHW

Pierce County Phone Numbers:

Pierce County Emergency Coordinator: Mark Yordy, W7BBO 253-857-5123;w7bbo@juno.com.

Assistant Emergency Coordinator/Zone 1 Manager: Rollo Van Slyke, N7JQ 360-876-2803; rollo@worldfront.com

Assistant Emergency Coordinators/ Anderson Island Managers: John Mollan, AE7P and Donna Mollan, WB7FDE. John and Donna can be reached at 253-884-1679; ae7p@arrl.net.

Net Manager for Pierce County Amateur Radio Communications Services nets: Rich Heasty, KK7VH 360-897-6576; rheasty@wolfenet.net

Membership Applications and Roster Maintenance: Shirley Murphy, N7QHW 253-265-3661; sundancealso@harbornet.com

Special Events Manager: Judy LaFleur, N7NII 253-847-5198

Medical Services Manager: Pat Nicholson N7WGR 253-864-6589; patn0011@earthlink.net

Emergency Communications Emergency Response Team lead: Mario Badua, KD6ILO 253-952-5880; kd6ilo@arrl.net

January Contest Calendar

Jan 1: ARRL Straight-Key Night--see p 94 of Dec 2002 QST.

Jan 4-5: ARRL RTTY Roundup--1800Z Jan 4-2400Z Jan 5, see p 94 of Dec 2002 QST.

Jan 4 Kid's Day—Phone--1800Z to 2400Z Jan 4.

Jan 10-12: North American QSO Party—CW--

For more contest details, go to www.arrl.org/contests

Hunting Lions in the Air CW/Phone 0000Z Jan 11-2400Z Jan 12. Frequencies: 80-10 meters

DARC 10-meter Contest--CW/SSB-- 0900Z-1059Z Jan 12. Frequencies (MHz): CW 28.000-28.200, SSB 28.300-28.700

LZ Open Championship--CW-- 1200Z - 2000Z Jan 18 on the 3.5 and 7 MHz bands only.

HA DX Contest--CW--1200Z Jan 18 - 1200Z Jan 19 on the 160 - 10-meter bands.

ARRL January VHF Sweepstakes--1900Z Jan 18-0400Z Jan 20, see p 95, Dec 2002 QST.

North American QSO Party--Phone--1800Z Jan 18-0600Z Jan 19 .

MI QRP January CW Sprint--1200Z Jan 18-2400Z Jan 19. Frequencies: 160-6 meters.

070 PSKFest--from 0000Z-2400Z Jan 18. Frequencies: 80-10 meters.

CQ WW 160-Meter Contest—CW--0000Z Jan 25-2359Z Jan 26

REF French Contest--CW-- 0600Z Jan 25-1800Z Jan 26

UBA Contest--Phone--1300Z Jan 25-1300Z Jan 26. Frequencies: 80-10 meters, according to the IARU band plan.

BARTG RTTY Sprint--1200Z Jan 25-1200Z Jan 26. Frequencies: 80-10 meters.

If you have contest results from your station, please send them along to the Bark Editor so we can report on our members' activities!

Mark your Calendar:

- January 6th at the ClubHouse: Scout Badge Radio Class: (see pg 14)
- January 9th Amateur Extra Class to begin (details pg 8)
- January 13th General Class upgrade instruction to begin (details pg 8)
- January 18-19: VHF Sweepstakes party at Clubhouse (details pg 15)
- February 15 - ATV Demonstration at the Clubhouse (more on pg5)

VHF SWEEPSTAKES PAR
at the ClubHouse

Saturday January 18 throu
Sunday January 19 -
Everybody is invited

This looks to be a great experience or anyone who wants to see what cont st ing is all about.
See Details on Page 15 Direct inqu es to Doug: oakmande@plu.edu

Pacific NW Hamfest

February 15 - 23rd Annual Salem HamFair

Salem Repeater Association, Rickreal Or on West of Salem where Hwy 22 meets 99W the Polk County Fairgrounds. Doors ope a.m. Talk in 146.86 (-) PL 186.2

Saturday, January 25th Mini Swap M t at the Clubhouse

9 a.m. to 2 p.m. There will be food (h dogs, etc.)

Bring in your items you want to swap r sell or stop by to see what others bri

PINOCHLE & POTLUCK

See you January 4th!

For info call: 253-759-4898

Jack, WA7ENB & Marilyn Moor

Other fall/winter gatherings on 1st Saturdays

Every Saturday the Clubhouse is open fr a.m. to 2 p.m.

Jan 8th UPCOMING PROGRAMS AT RCT Jan 22nd

WEDNESDAY, JANUARY 8TH - CONSTRUCTING A SCREWDRIVER ANTENNA:

Build a homebrew screwdriver antenna? Why not? Hal, W7EC, and Bob, W7SKI, will show a 15-minute video and explain how to build one for under $50. Anyone with an average workshop can save hundreds of dollars.

WEDNESDAY, JANUARY 22ND - MAKING SENSE OF DECIBELS

Nick, WA7IVO, and Jerry, W7BUN, will present a review for understanding the decibel measuring system. The presentation will explain how decibels are used for antenna gain, S-meters, receiver sensitivity and selectivity, feed line loss, and microphones and other audio devices. Handouts will be available.

ARRL RCT VE Team Report by Shirley Murphy, N7QHW

December 2002 only had our regularly scheduled testing session but it was a very busy session. We all earned our pay that night.

Twenty-nine people tested during the VE Testing session. Out of the 29 people, 18 people achieved a new license, 2 people passed the written portion of an upgrade, 1 person passed morse code to achieve a Tech with HF, 7 people achieved an upgrade and the remaining person was not successful in their attempt to pass the requested test element.

What a Month!

17 New Licensees!

Overall, there were 32 test elements given. 28 were passing and 4 failures for a percentage rate of 87.5% passing.

Achievements included 17 Technician Class license, 1 Tech with HF, 3 General Class license, and 4 Extra Class license. Congratulations to John Clarke, K7PZF, Extra Class; Yon Kohtala, N7RAF (xyl of Gary Kohtala, W7NTF), General Class; Todd Kelley, KD7NPT, well on his way to General Class; William Lucas, KB7IHB, General Class; and Raymond Pier, Call Pending, (son of our Prez) Technician Class.

Congratulations to the group of instructors who prepared the people so well that all of them were successful at this testing session. Thanks also to the VE Team members who helped make the testing session run so smoothly. It is very much appreciated and couldn't be done without you. 73, Shirley, N7QHW, Radio Club of Tacoma VE Team Liaison

Amateur Radio License Instruction at RCT

Radio Classes Offered

The next Radio Club of Tacoma class for the No-Code Technician Amateur Radio License is scheduled for a weekend in January. Anyone interested in the January class should contact Jerry W7BUN at 253-845-7652 or w7bun@wa.net for information. The no-code tech classes have been filling up so if you, or someone you know, wants to take the class, encourage them to contact W7BUN to be sure to get in the next available class.

- W7BUN also offers classes for upgrading your license:
- A General class upgrade course is scheduled to start January 13.
- Amateur Extra Class upgrade course is set to start January 9th. The General and Extra classes are scheduled for 7 - 9:30 p.m. in South Hill. (contact W7BUN for directions)
- License manuals will be available. Again, contact Jerry W7BUN for information.

Contact Jerry W7BUN at 253-845-7652 or w7bun@wa.net for information about enrolling in any of the amateur radio instruction classes.

Community Connections by Todd KD7NPT

New featur

Let me introduce you to the first installment of the Community Connections Column. The members of the Radio Club of Tacoma have a long history of serving the community with that magical talking box given to us by Mr. Marconi. This column is now a regular feature here in the "Logger's Bark" and is dedicated to serve as a means to chronicle and publicize the many ways our club serves our community. As time goes on, this column, in addition to publicity, will serve as a clearinghouse for information to use in the application of grants that will eventually bring more funds for a variety of club projects, which, in turn, will enable to serve the community in a greater capacity.

Pretty cool, huh?

I need you to send me, preferably by e-mail, all the different ways you personally serve the community as an amateur radio operator. That could be serving in ARES/RACES, supporting community events with radio communications, performing acts of generosity or kindness as a ham or anything you can think of.

SEND THEM TO ME! I will publicize them in the Bark and chronicle them for posterity and the broader strategy of building up our club's visibility and future.

Here is my first entry to serve as an example.

KC7OKS, KK7FM & KD7NPT ARE SANTA'S ELVES AT MARY BRIDGE CHILDREN'S HOSPITAL

Ed "Old Kind Santa" Root-KC7OKS, George Noble-KK7FM and I recently went to visit the kids at Mary Bri so they could "talk to Santa, who busy at the North Pole, but want be sure to talk to you." While son children found the proposition int dating, others found it a great opp nity to be very chatty with Santa tell him about their Christmas w We started doing this in 2001 and was met with much acclaim from dren and staff alike, so we will ke doing it.

So there ya go. Simple as that. M first column. I hope you find it m fun to read as I do to write it. Wa your Bark every month for this co and SEND ME THOSE WAYS Y SERVE THE COMMUNITY! My mail is spindoctortodd@earthlink. I know its long, but that's spin-do todd. See ya next time.

RCT 147.28 MHz Tuesday Evening November 2002 Checkins to Tuesday Night Net

Call Sign, Number of Checkins, Name

AB7WJ 1 Bill	KC7KAN 2 Danny	KD7QLJ 1 Bob	N7ANF 3 Rich	WA7ANJ 1 Roger
AC7BU 4 Al	KC7MTN 1 Jim	KD7QYT 1 Steve	N7OMS 1 Alan	WA7OHG 4 Wade
AC7JY 3 Frank	KC7OKS 1 Ed	KD7RKV 1 Kyle	N7QHW 2 Shirley	WA7OHG 4 Wade
AC7KQ 2 Ray	KC7OQN 2 John	KD7RNJ 1 Rick	N7QHX 2 Tom	WB7QCK 3 Bob
AC7LK 4 John	KC7VUM 4 Lou	KD7RWT 2 Gino	N7QOZ 3 Bob	WG7X 2 Gary
K7BUD 3 Bud	KD6ILO 1 Mario	KD7SQR 1 Doug	N7RHV 1 Dick	WT7G 3 John
K7JIL 3 Jill	KD7BVO 1 Lynnette	KD7SXX 1 Cathy	N7UFB 1 Rick	
K7PZF 1 John	KD7IBQ 1 Craig	KD7SXY 3 Jim	W7AEA 2 Max	NCS NOV. 5 KK7
K7ROL 3 Carol	KD7IBU 1 Bob	KD7SXZ 1 Roddney	W7BUN 3 Jerry	NCS NOV. 12 KA
KA7IOX 4 Scott	KD7IGY 1 Wilma	KD7ZWG 2 Marty	W7DON 2 Don	NCS NOV. 19 AC
KA7WGG 1 Lorraine	KD7KPY 3 Keith	KJ7BN 2 Marilyn	W7EC 2 Hal	NCS NOV. 26 K7I
KB7QAG 4 Jeff	KD7KPZ 1 Dana	KJ7XJ 1 Eric	W7GCI 1 Kirk	
KB7SVX 3 Jean	KD7NES 2 Gwen	KK7FM 1 George	W7IMW 4 Jack	
KB7ZDR 2 Michael	KD7NUV 4 Mickey	KK7QS 1 Mick	W7RW 4 Andy	
KC7CBN 1 Jackie	KD7OPO 2 Bob	KK7QW 2 Pete	W7SKI 3 Bob	
KC7JPJ 1 Bruce	KD7PAU 1 Joe	N0XXQ 1 Nathan	W7WG 3 Worth	

KD7PJU Makes "First Contact" on Tuesday Night RCT Net

Jessica, KD7PJU, daughter of Jill, K7JIL, made her first amateur radio contact on December 10, 2002 on the RCT day night net. She is currently stationed in Stuttgart, Germany as a Financial Specialist. She was home for Christ until the 27th of December when she returned to Germany and in January will be sent to Kuwait for at least 6 mon

Jessica got her license one year ago, when she was briefly at home after training and due to fly to her German stati She studied for her Tech test the evening before and passed it the following evening!

Best wishes, Jessica and good luck - we all hope to hear you many more times on the radio.

RCT President's Awards for 2002

Hello members. As we finish closing out 2002 I would like to take a moment to thank all of you who have gone out of your way to help the radio club this past year. There were many members extending their time and efforts to include the radio club. As you can probably figure, it takes a lot of time and dedication to make all the things come together for a smooth running club for all us to enjoy. 73s Mick KK7QS

Jerry Seligman W7BUN: Jerry does far too much for the club to mention here. Jerry's presence and hard work is known throughout the ham radio world. I would like to recognize Jerry for all his work in training. Getting new hams started and upgrading current hams. Jerry also does a superb job organizing and planning Field Day for the club. He helps with almost every event the club sponsors. I can't say enough. Thank You Jerry!

Shirley Murphy N7QHW: Shirley does a superb job running our club's VE Team. She also does countless other things for the club including all our mailings. She has helped with the fair booth and flea market just to mention a few. Thank You Shirley!

Kathleen Nace N0EYK: Kathleen is always there for the club. She published the Bark for years. She has been doing a superb job designing the clubs booth at the annual Western Washington Fair. I would also like to thank her for all she has done for the radio club this past year. Thanks Kathleen!

Bob Crouch KG7SM: Bob is one of our members that spends a lot of time working for the club in the back ground. He does one of those jobs that many don't even think about. Without all the time and hard work of Bob we would not be able to get loads of information about the club and it's activities with just a click of a mouse. Bob created and maintains our club web site. Great job Bob Thanks!

Bud Mitze Jr. K7BUD: Bud is most recognized for keeping W7DK at the Beach such a successful event. But let's not forget all the other things Bud does for the club. He heads up the Tuesday night net control duties. He also helps with the Flea Market and Field Day. Just to mention a few. Thanks Bud!

Rich Manson N7ANF: Not enough can be said about Rich's interest and dedication to the club. Rich has hosted the club's open house for the past several years. He sees to it that there are donuts and coffee for those who stop by to visit the clubhouse. Rich makes sure we have food for Field Day and also provides refreshments at all our club meetings. He planned and organized our very successful Christmas party. Thanks Rich for a job well done!

Scott Clausen NF7Y: Scott is running the club's Membership Committee. He puts a lot of time and dedication into seeing to it that the membership records are accurate and up to date. Scott also helped Jerry chair the Field Day Committee and helps with the Flea Market. Thank You Scott!

Jill Palmer K7JIL: Where to start? Jill does so much for the club. This past year she has chaired the Puyallup Fair Booth Committee, ran the Welcome Committee for club meetings and tended to all our prizes. Jill serves as the club's Sunshine person offering a bit of brightness to those who seem to be a little down. She also helps with the planning and preparation of our Flea Market. All of this as well as serving on the Board of Directors. Jill, I can't say enough. Thanks for all your help!

Frank Palmer AC7JY: Frank has done a wonderful job putting together our Flea Market. Frank spends many hours putting together the necessary things to make the event happen. He is Chairman of the Flea Market Committee. He has to arrange for the location, the tables and all the many other things it takes to make a successful event. And successful it was. Frank also helps Jill with the Welcoming Committee. Along with many other things he serves on the Board of Directors. Thanks Frank for all your time and dedication to the club.

Roger Terwilliger WA7ANJ: Roger has served as the club's Treasurer for the past two years. This in itself deserves recognition. But as love for the hobby would have it, Roger also works to see to it that we have our flea markets and field days. Roger has chaired the Flea Market in the past. Thanks for all the work!

Ed Root KC7OKS: Ed is the club's Secretary. He keeps all the club records in order. He also tends to incoming mail and correspondence. Without all his time and effort the club would be in such disorder it would cease to exist. Thanks Ed!

George Noble KK7FM: George, in addition to serving on the Board of Directors, has also done a good job getting the club involved with some youth groups. He has established our presence at the Scout Jamboree. He helps with Field Day and the Flea Market. Thanks George!

Worth Gurley W7WG: Besides serving on the Board of Directors for the past two years, Worth is being recognized for his work with the club's Antique Radio Museum. Worth works with the antique radios and helps keep our museum in operation. He is instrumental in keeping us involved with other antique clubs. Thanks Worth for all you do for the club!

Morel Guyot W6LIX: Morel has also served on the Board of Directors this past year and is a past Vice President. Morel also spends a lot of his time with the Antique Radio Museum. Without his expert knowledge and experience we might not have any working antiques. Thanks for all your time and dedication to the club.

Al Burleson K7HW: I'd like to thank Al for all the help he gives me in run-

(Continued on page 16)



What do you do with a Rubber Ducky?

Rich, N7ANF, *RCT Vice Pres. And Host at the Clubhouse on most Saturdays*

Well, this has been a very busy month for the Manson's with the Santa Train cookies and cocoa, etc. at Camp #6 Steam Logging Museum at Point Defiance Park. We were out there all four weekends before Christmas. My wife Arlene (if I may brag on her a little) baked 1630 cookies in November for the kids as they got off the train after seeing Santa. Can't beat that for a buck. Come see us next year.

So I want to say a great big THANK YOU those that took the December Saturdays for me. They were George KK7FM November 30th and the 7th; John AC7LK on the 14th; and Angela KC7EQ on the 21st. And there was Jerry W7BUN who said he'd take it if I got in a pinch. Much thanks again to you all.

Let us also not forget Roy Myers, WA7UZL, who lives along the way on north Stevens. Yes, Roy that was me. I honked HI each time I went by. Some of you know that's one of my main BBQ cooks on Field Day. (Not to worry Mike, ZDR You choked and gagged and cried with me this last F/D. Not the food of course, but the smoke. (Well I guess that could be a matter of opinion.) Much thanks also.)

I'll be back with my "tips" next month but had to say thanks to those who helped me out.

Happy New Year to All!



Hi. I'm Rich N7ANF. Don't Be a Stranger! Stop By the Clubhouse Sometime!

We Thank You!

Loggers Bark Mailing:

THANKS AND THANKS AND THANKS AGAIN TO ALL WHO HELPED

I would like to take this opportunity to thank each and every person th has helped get the bark in the mail. I started doing the mailing for the Bark somewhere in the early 90's. Each month we would have a maili "party" with coffee and treats for all who attended. Over the years the r sons who come have been fairly consistent and what good friends we ha become.

When we first started, the group was fairly quiet, polite and came to do work. What we have turned into now is a bunch of loud, teasing, some times fibbing close-knit group. In other words, we have FUN with lots laughter not just at others but at ourselves as well. Politics have alway been left outside the door. It has just been a wonderful group of people who have been coming to get the Bark in the mail.

I know I will forget someone and if I do, please accept my sincere apolo for not mentioning you. So who are these wonderful folks?

Tom Murphy, N7QHX; Al Burleson, K7HW; Worth Gurley, W7WG; Ma Gurley, Worth's XYL; Jerry Seligman, W7BUN; Bob Hagar, W7SKI; B Hagar, Bob's XYL; Hal Stahlhut, W7EC; Rob Stewart, WB7QCS (Bob e made us boards to make it easier when folding the Bark); Ray Pederse W7KFN; Lorraine Robertson, KA7WGG; Chuck Souter, KA7HJN; Al C chill, AC7BU; Morel, W6LIX; Bill Jonez, AB7WJ; Judy Kirkreit, AJ7R; Martha Driessnack, KC7VUJ; Don Olson, W7DON; Marilyn, KJ7BN; N Simmons, KC7JME; Roger Terwilliger, WA7ANJ; and two persons who re now silent keys but added a great deal of fun and frivolity to the proces are Jim Kirkreit, K7YLM and Lou Simmons, KB7WDB.

It is important to do this now because the club now has a new person w is taking over the process of the bulk mailing for the club. He voluntee d (I didn't twist his arm as some would believe) and was not coerced too much. He is JOHN CLARKE, AC7WW. Formerly his call was K7PZF that helps you to know who he is. I hope everyone will get behind him help as much as possible. It is fun and goes so fast when there are ma hands to do the job. I plan to support John and be there as much as po ble so you are not entirely rid of me.

So once more, thanks to all of you who have been so faithful over all th e years. I really did appreciate all of the help to get the job done.

Thank You and see you at the next mailing party. Shirley, N7QHW

Thanks Shirley, Thanks John,
Thanks to all of you from the BARK!

TREASURER'S REPORT

NOV 2002

de Roger WA7ANJ

INCOME

BADGE SALES	$9.00
BOOK SALES	248.00
DONATIONS	48.00
FIELD DAY	31.55
DOOR PRZ	33.00
DUES	874.00
TOTAL:	**$1243.55**

EXPENSES

CHRISTMAS	$84.00
CLUBHOUSE	733.40
FEES	37.00
INSURANCE	449.00
MISC	11.97
OFFICE SUPPLIES	29.12
POSTAGE	42.40
TELEPHONE	131.92
UTILITIES	298.90
TOTAL	**$1817.71**

NET: **$-574.16**

From KD7BVO

Radio Depot in Seattle is going to be closing the doors soon. On a recent visit there, I learned that their lease that comes up for renewal on Feb. 1 will not be renewed. Our friend Dave will probably operate on a month-to-month basis until he's ready to move. Scott says that there are bargains to be had: Best buy he says: "a 5-watt 2 meter handheld as low as $89 with a $19 mag-mount antenna and you're ready to go mobile."
Be sure to stop by the store at 5963 Corson Ave South in Seattle to check out the good buys in January.
Dave, we are going to miss you!

Editorial by Lynnette KD7BVO

Happy New Year!

This looks like a banner year for the Logger's Bark - did anyone notice that this is "VOL XXXX NR 1"? So we are celebrating by beefing things up even more.

In this issue, you'll notice that Todd, KD7NPT has volunteered to do a monthly column called "Community Connection." (see page 9) I know you are going to enjoy this but he does need your input - so be sure to let him know if you have anything to be included in his column. It seems to me that members of our club don't like to "brag" on themselves very much. But for the sake of the Club, and to show our involvement in various activities, you need to pass along your stories to him. If you are part of a group that does an activity, please *please* let him know.

It's important to the Club as a whole that those members who are representing amateur radio in a positive way are publicized. Even if it is in our little newsletter here.

I'm sure there are bigger clubs than ours. There might be clubs with more money, taller antennas, more powerful amplifiers...but there aren't any clubs with more history than the Radio Club of Tacoma. That is something to be very proud of. However, while we look back at our club history with pride, we need to be working now to create memories that future generations of RCT members can look back on with pride. So let's keep working on the legacy that is the Radio Club of Tacoma.

Lynnette Martek

308 118th Ave Ct E.
Edgewood, WA 98372
or call 253-826-0184

Email to
lmartek@cs.com



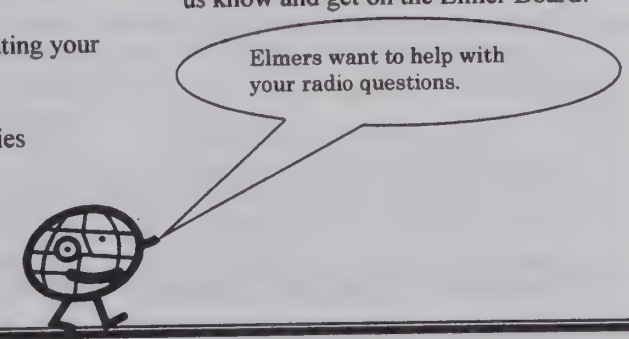
ELMER BOARD

Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members' areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment
12. IRLP

Name/Call Sign	Help with topic Number	Phone
Jerry, W7BUN	1,4,6,9,10	253-845-7652:
Alan, KB7SVU	4,5,10	253-840-4947
Frank, AB7YZ	2,3	253-752-8520
Roger, WA7ANJ	1,2,3,4,7,8,11	253-475-4293
Angela, KC7EQ	2	
John, AC7LK	12	253-984-6709
Mick, KK7QS	12	253-847-8223

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the Elmer Board!



MUSEUM MUSINGS by Worth W7WG

Forward to the Past: Amateur Radio during the Last Century

Marconi Books in the Club's Historical Book Collection

One of the functions of our Museum is to remind present day hams of the origins and traditions of Amateur Radio.

Ed and Gwen Root visited the site of the first reception of a Trans-Atlantic radio signal by Marconi. They bought three interesting books about Marconi's "Atlantic Leap" or "The Wireless Bridging of the Atlantic" then donated them to the RCT for our members to enjoy.

I'm hoping that a librarian for all the Club's historical book collection can be found among our membership. In the meantime, I can check them out to you, if you want to learn about early radio.

The exact titles are Marconi's Secret, Marconi's Miracle, and Marconi's Atlantic Leap.

The first is a children's book about Molly and Sam talking to Granddad, who worked for Marconi installing his listening station with the big antennas (which would make any 160 meter dx-er envious).

The others are a detailed history of Marconi's fascination with the concept of wireless communication as a boy, encouragement by his mother (from Scotland), opposition at first by his father, a wealthy man, winning over his father, getting his financial backing, winning over English scientists, getting patents, making successful tests, and eventually establishing a very successful corporation.

Marconi wanted to make things work, not just theorize, He would have made a great ham, but he had to develop radio first!

Chapter headings of Marconi's Miracle are

1. Early communications technology,
2. Marconi...the early years,
3. Marconi arrives in England,
4. Off to America,
5 Early communications in Newfoundland,
6. Marconi arrives in St. John's,
7. Transatlantic testing begins
8. The Atlantic is bridged,
9. Anglo-American Telegraph's injunction,
10. Marconi leaves the Colony.

There are three appendices with detailed press stories and governmental debates about Marconi's activities. You would enjoy reading these little books.

A very Happy New Year to all from Worth, W7WG and all of us at the Radio Club of Tacoma Antique Radio Museum

"A true friend is someone who is there for you when they would rather be someplace else." ...Len Wein

A NEW YEAR'S POEM

[from 1966]

To readers of the Loggers Bark

I say with pen in hand

May sixty six be bright for you

To reap this fruitful land

May your wishes be fulfilled this year

Provided they're in reason

May Lady Luck be by your side

So you'll be here again next season.

Keep a shining smile on your face

A grin will do the trick

And fortified with that, good friends

Things will work out slick.

And so these lines must end once more

This hand is getting tired

I leave with you and mean it too

May your New Year be inspired.

.....Emill K7GPK January 1966 Bark

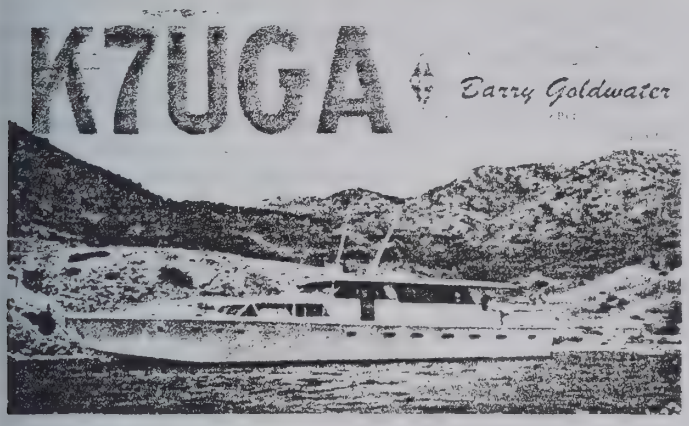
(Continued from page 4)

sentative. He also taught its continuing education program and taught First Aid, CPR, and disaster services for the American Red Cross. For many years, he took part in the Amateur Radio Disaster Services team. He was a president of Capital Peak Repeater Radio Club.

He was a member of the Copalis Beach/Ocean City Lions Club, and was the chaplain for several years for the Hogan's Corner VFW post, member of the Ocean Elks, a charter member of the Knights of Columbus Council in Delaware 53 years ago. He later transferred his membership to Gig Harbor, and there became a fourth-degree Knight Navigator. When he moved to the North Beach area, he attended the Bishop O'Dea council for the Aberdeen-Hoquiam area. Mr. Bushnell was an active member and past president of the St. Jerome Catholic Church in Hogan's Corner. He also was a committee person for the Republican party.

He is survived by eight sons, Joe and John of Tacoma, Tim of Yakima, Dan of Lake Stevens, Ed of Lynnwood, Larry of Edmonds, Tom of Porthill, Idaho, and Tony of Pacific Beach; tw daughters, Mary DeBroeck of Evere and Laura Burda of Portland, Ore.; brother, John of Olympia; 36 grand children and two great-grandchildr A brother, Jerome "Jerry" Bushnell died before him. A memorial Mass was held Wednesday, Nov. 13, at St Jerome Catholic Church the service concluded with military honors. Do tions are suggested to St. Mary's Catholic School c/o St. Mary's churc 306 E. Third St., Aberdeen, or to th American Red Cross, 298 Clemons Road, Montesano, 98563.

QSL Card of the Month



In 1964, Barry Goldwater, Republican Senator from Arizona, was campaigning as the Republican nominee for President of the United States. In October, he took a break from the hectic campaigning and spent five days on a converted PT boat, the Sundance, among the Santa Barbara Islands in California's Catalina Group. The boat was 83 feet long with a beam of 22 feet. The rig was a Collins KWM-2 transceiver, a Collins 30L-1 amplifier, and a vertical antenna. Just think – if he had won the election, there would have been a tri-band beam on the White House! de W7BUN

Barry M Goldwater was born in Phoenix, Arizona Territory, on New Years Day, 1909 (Arizona did not become the 48th U.S. State until February 14, 1912.)

Barry was a Major General in the USAF Reserve, and retired in 1967 after 37 years of both active and inactive duty. He was active in Air Force MARS, and during the Vietnam conflict his station was used to provide many thousands of phone patches from service personnel in southeast Asia to loved ones at home. He also held a pilot's license and occasionally operated aeronautical mobile.

During his time in Congress, Barry supported the right to vote for people 18 years or older, repealed the Military Selective Service Act, and was responsible for the "Goldwater Amateur Radio" legislation that established the VEC program, the Amateur Auxiliary, permitted 10-year license terms, and exempted Ham Radio from the secrecy provisions in the Communications Act of 1934. This important legislation also permitted the FCC to set susceptibility standards for home electronic equipment. In 1964, his bill to allow reciprocal operating agreements between the US and other countries was signed into law.

Barry was President of the QCWA in 1971 and a Life Member of the ARRL, and Life Member of Central Arizona DX Association.

Barry died on May 29, 1998.

The qsl card above is from the collection of W7BUN from a contact Jerry made with K7UGA. The card below is from an original autographed photograph that is hanging in the ARRL Headquarters in Newington, CT and was a special event operation (contact by KD7BVO on 20-Oct-2001).

The $5000 Goldwater scholarship, administered by the ARRL Foundation, is awarded each year to a deserving radio amateur to encourage a spirit of achievement and dedication in the field of communication. (Info from ARRL Bulletin 39 and the back of the qsl cards.)



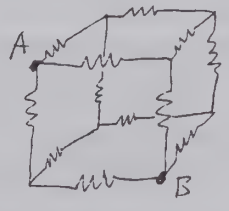
Card from KD7BVO file, 2001

Challenge!

CHALLENGE OF THE MONTH FOR JANUARY

Twelve one ohm resistors are arranged into a three dimensional cube with one resistor on each side. What is the resistance between diagonal corners on one face?

(December's Challenge Answer on Page 16)



Resistors all 1 ohm each.

$R_{(A\ to\ B)} = ?$

Radio Merit Badge program at Clubhouse in January *de AC7LK*

I am beginning a Radio Merit Badge program at the Clubhouse on Jan. 6 at 7:00 P.M. There will be a total of 5 sessions of one hour each with emphasis on Ham Radio equipment and operating.

I hope to follow that with a Tech class for young people and with assistance from others have developed a curriculum using the ARRL video tapes.

The Scout program is a good beginning for any young person interested in radio. These sessions are open to everyone. Any questions can be directed to John, AC7LK

ARRL VHF Sweepstakes Contesting at the Clubhouse in January

As reported in last month's Bark, the RCT clubhouse will be the site of an Operating Party in January. In case you missed it, here are the details:

All RCT club members are invited to participate in the ARRL VHF Sweepstakes Contest at an operating party at the clubhouse. Marty KC7ZWG, Gino KD7RWT, and Doug KD7SQR are organizing the event for those who would like to participate. With support from Lynn KB6OKS, this should be a fun event.

The object of the contest is "To work as many amateur stations in as many different 2 degrees × 1 degree grid squares as possible using authorized frequencies above 50 MHz. Foreign stations work W/VE amateurs only."

"Old and new Hams or RCT members are welcome, and especially Technician class licensees. "

The fun takes place Saturday, January 18, 1100 to 2300 PDT and Sunday, January 19, 900 to 2000 PDT (Contest officially begins 1900 UTC Saturday and ends 0400 UTC Monday, Jan 18-20, 2003.) Contest rules are av able on-line at: http://www.arrl.org/contests/rules/ /01vhfss.html)

Several stations will operate SSB, and FM on 6m, 2m, and 70cm. Foo provided both days, and participa are welcome for all or part of the t

Please direct inquiries to Doug: oa mande@plu.edu, or give us a call o the air. We look forward to seeing at the Club House.

Nine-year-old Girl Makes Extra Elizabeth Harper of Vinemont, Alabama, became one of the nation's youngest Amateur Extra-class licensees during the Montgomery Amateur Radio Club hamfest exam session November 9, 200 General licensee at the time of the session, Elizabeth also might hold the distinction of being the only youngster her now working on her third ham radio call sign. When she sat for the Extra, she was KG4NAU. The FCC issued her a sequential call sign, AG4WP, which she held for about three weeks until the FCC granted her vanity application. El beth now is AK3H.

MEMBERSHIPS

Just a reminder that now is the time to be renewing your club membership for 2003. Scott, NF7Y will be requiring a completed membership form from everyone so we can ensure all information is current and correct in our database. You can grab a copy of the form at the clubhouse, or from the website http://www.w7dk.org/. Any Questions about membership? Please contact our Membership Chair:Scott NF7Y 253-925-8637 Email: shebang@qwest.net

KD7UBO

NEW MEMBERS

Paul Goodwin NOCALL RCT 2152, 12637 123rd Ave SE Rainier, WA 98576-9504 Phone 360-446-3236, Email pmgoodwin77@yahoo.com

Denise Tjelde KD7TCP RCT 2153, 502 103rd St S., Tacoma, WA 98444-1583, Phone 253-536-6387, Email dtjelde@qwest.net

Judson Morris III KD7QYU RCT 2154, 2023 S 8th St., Tacoma, WA 98405, Phone 253-620-7764, Email kd7qyu@aol.com

James Swanson KD7TJE RCT 2155, 2911 282nd St Ct East, Spanaway, WA 98387-9529, Phone 253-381-8077, Email None

Reinstatement: Gary McAdams WG7X RCT 1249, 11405 88th Ave Ct SW, Lakewood, WA 98498-4109, Phone 253-984-1554, Email wg7x@arrl.net

OPERATING HINT FOR JANU

Make yourself a good operator and ou will be proud of yourself.

Whatever band you are using, you conversation is NOT private and t u- sands of listeners could be listenin to you. Some may not be friendly to A a- teur Radio for some reason. Don't have in a way that a poor opinion amateurs is confirmed in the mind of any listeners.

Never talk about politics, race, reli ion, sex or any other topic which m be offensive to the person to whom ou are talking or to other persons wh may be listening. These are argum tative subjects and can cause prob lems.

If you saw two complete strangers lk ing to each other in the street, you would not butt into their conversat n, and the same applies when you ar n the air, except during nets when y may announce your call sign durin breaks, and then wait to be invited.

Sunshine & Congrats

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please contact Jill Palmer, K7JIL, 253 539-7772 or e-mail hamtalker2@msn.com

(Continued from page 10)

ning this club. His suggestions and ideas do help a lot. Al also runs our VE team when Shirley is unavailable and he helps the club a lot with the repeaters. Al's electrical experience is invaluable for the operation of our Flea Market and those events requiring electricity. Thanks Al! Keep up the good work.

Nora Simmons KC7JME: Nora is being recognized for her work and dedication to the club and the operation of the Flea Market. Nora was the Flea Market Treasurer this past year. She was instrumental in the smooth operation of the committee's financial needs. Nora is a past club officer and has dedicated many hours to the club. Thank You Nora!

John Robson AC7LK: In the few years John has been in the club he has inspired more people to get involved than any one I've ever seen. John has a way of getting people interested in what's going on. Thanks to John's enthusiasm the club now has such things as the IRLP and the soon to be added all modes UHF /VHF station. John has started a program to get new hams involved with the club's activities and works hard to make these things happen. Without John's enthusiasm we would probably still be stalled in a pile of ideas. Thanks John! Keep up the good work.

Nick WinterWA7IVO: Recognition goes to Nick for his work as the club's RF Interference Engineer. Nick represents the club where major problems of RF interference exist. He is also working with the renovation of the clubhouse and its stations as the club's Design Engineer. Thanks Nick!

Lynn Neece KB6OKS: Lynn is our Club Station Manager. Lynn runs our 10-meter net on Sunday evening. He also helps the club with Field Day and with the Flea Market. Thank You Lynn!

Stephen Morton KD7QYT: I'd like to thank Steve for all the work he does to keep our IRLP running smoothly. Steve has a lot of computer experience and is invaluable when it comes to a smooth operating IRLP node. As you may or may not know, it is all run by the computer. Thanks for your time and interest in the club.

Lynnette Martek KD7BVO: Lynnette has assumed the duty of publishing the Loggers Bark. She has published the past few issues and is doing a wonderful job. In addition to publishing for the club Lynnette helps with club activities such as Field Day and the Flea Market. Her time and effort are invaluable to the club. Thanks

Dawn Pier KC7VZM: Besides all the support she offers me, Dawn does a good job organizing the food booth for our annual Flea Market. She is also the one who provided all the hand made ornaments for the Christmas party awards. Thanks!

DECEMBER CHALLENGE ANSWER

THE CHALLENGE OF THE MONTH FOR DECEMBER WAS: "Joe Wiseham is installing a nine-conductor communications cable between two villages in the Himalaya Mountains. He has to string the cable between two mountaintops several miles apart. This involves several days of climbing the two mountains and several days of trekking through the jungle pulling the cable. When he finishes the job, he realizes that he didn't mark the wires at each end so he doesn't know which wire at one end is the same wire at the other end. The wires are all the same size and not color-coded. He has no helpers and all he has for test equipment is a simple continuity checker - a battery and a light bulb wired in series. Joe doesn't want to make more lengthy trips than necessary, so he figures out how to label the wires at each end of the cable in one round trip. Can you figure out how he did it?"

DECEMBER'S ANSWER: At one end of the cable, Joe connects eight of the wires into four pairs of two wires each and leaves one wire disconnected, which he marks #1. He then travels to the other end of the cable, and with his continuity checker finds the four pairs and the unconnected wire. He disconnects the four pairs but leaves them twisted together so he can tell where the pairs were. He knows the unconnected wire is #1. He connects #1 to one wire from any pair and marks that as #2. #3 is the other wire from that pair which he connects to another wire, which is marked #4. The other wire from that pair is marked #5 and it's connected a wire from another pair, which becomes #6, and this continues for the last pair. Joe then travels to the other end of the cable, disconnects the pairs of wires, keeping them twisted together, and with his continuity checker finds that wire #1 is now connected to wire #2 and the other paired wire from #2 is #3. The wire now connected to #3 is now #4, and so on through the #9 wire. Now all the wires are marked with the same number at each end. It only took Joe one round trip.

(Continued from page 4)

ing. And it really is giving me the strength to keep going."

Because just as her beloved Joe was, Diana Bushnell is a part of all she has met in this quiet oceanside community, and she has no intention of leaving for good. "Once the electricity is back up I'll be able to put my fifth-wheel (trailer) on the lot," she said. "I don't need much space."

A wooden plaque with brass name tags hangs in the entry hall of the shiny new fire station. On one side are the names of retired firemen; Joe Bushnell's is toward the bottom. The other side, with twice as many names, is entitled "In Memoriam." There's no tag for Joe there yet. Perhaps that's fitting. After all, as his friends and relatives gathered, one thing was clear: Joe's still very much here.

"I am a part of all I have met." - Alfred Lord Tennyson

News from the ARRL by Jerry W7BUN

VIGILANCE, VOLUNTARY GIVING ARE YEAR 'ROUND NECESSITIES, ARRL PRESIDENT SAYS

With several important issues facing Amateur Radio, ARRL President Jim Haynie, W5JBP, says now is not the time to get complacent about ham radio's future. On the World Radiocommunication Conference 2003 agenda next summer, for example, are items that could change the face of 40 meters worldwide and compel amateurs to compete with interference from mapping satellites on 70 cm and from radio local area networks on microwave bands. Domestically, ham radio faces an array of threats from unlicensed Part 15 devices and the spectrum demands of new technologies.

"Amateur Radio is not safe," said Haynie, who's completing his third year as the League's top--and unpaid--official. "If we relax our energies-even for a day or a week--we can lose valuable ground." Haynie has not let down his guard. He personally has devoted months of work on the road during 2002 on Amateur Radio's behalf. That includes time in Washington talking up ham radio with those who hold its future most directly in their hands.

Preserving the future of Amateur Radio is not cheap either. "When we talk about defense of frequencies and advocacy, what we really mean is the $1.2 million that the ARRL spent in staff costs, travel, laboratory work, legal filings and other professional assistance," he said.

ARRL membership dues cover just some of the costs associated with advocacy. So does income from investments and other revenue sources. But approximately 40 percent of the cost of the ARRL's efforts to preserve ham radio's future--the 2003 goal is $500,000--comes from voluntary donations from within the Amateur Radio community. ARRL Chief Development Officer Mary Hobart, K1MMH, says donations have dipped below expectations even as the ARRL has been successful in raising ham radio's visibility.

Hobart blames the slack in giving in part as a result of the economic downturn, but she also believes this year's campaign may be languishing due to apathy. "The enhanced visibility we now enjoy due to the efforts of our president and other volunteers may have led many of our members to erroneously conclude that Amateur Radio has arrived," Hobart speculates. "I hope that the average ARRL member understands what it means to represent Amateur Radio in Washington." She also says some hams may think there's not much going on because progress often must be measured in inches rather than miles.

Haynie believes 2002 has seen some notable successes, however. It included the introduction of HR 4720, a measure that for the first time asked Congress to lead the way in eliminating the burden of private deed covenants, conditions and restrictions--CC&Rs--as they affect the ability of amateurs to erect outdoor antenna structures. The year also saw the FCC propose--at the behest of the ARRL--new Amateur Radio bands and a status upgrade for the 2400-2402 MHz amateur allocation.

Hobart says that as the year draws to a close, every contribution counts as the ARRL works toward meeting its $500,000 goal. "We are hearing that some folks are really feeling the pinch of the current economic and stock market situation," she said, "but if every ARRL member would contribute $8 a year, we could fund our advocacy efforts for 2003 in total."

The ARRL is an IRS 501(c)(3) organization, and contributions to the Spectrum Defense Fund are deductible to the extent permitted by law. Visit the secure FCC Web site <http://www.arrl.org/defense> for more information and to make a contribution.

HAM RADIO HAS ROLE IN GUAM RELIEF, RECOVERY

Supertyphoon Pongsona hammered Guam December 8. The opportunity for hams to step in and provide emergency communications never materialized, mostly due to a lack of fuel on the stricken island. Nonetheless, ham radio played a role as Guam residents struggled to get back on their feet.

Dick Manns, KH2G said: "One of the main problems immediately after the typhoon was fuel for generators, as the tank farm was burning and no fuel could be brought out and what little was available was being reserved for emergency vehicles." The Marianas Amateur Radio Club had discussed setting up emergency communications systems, he said, but insufficient funding has hampered the effort.

Manns says FEMA, the US military and the nongovernmental relief organizations helped a lot in the typhoon's aftermath. But, it would have been nice, he suggested, if local hams had been able to reciprocate with some communications help using portable repeaters and packet radio. Another problem: The storm pretty much devastated amateur antenna systems, he said.

Duncan Campbell, KF6ILA/KH2, was one of the few hams able to get on the air in the first few days after the storm hit, felling the island's lone 2-meter repeater tower in the process. Island hams used 2-meter FM simplex as a major means of communication, Campbell said. The repeater reportedly is back up. He was able to make several stateside HF to relay needs, but fuel to run emergency generators for radio use became scarce, and he had to shut down after December 10.

Manns said electrical power remains out for most residents and that only about a third of the electrically powered

(Continued on page 18)

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ter wells on Guam were functional. Telephone service remained out "pretty much island-wide for varying amounts of time" due to the power outages, he said. It's expected to be several months until electrical power is fully restored on Guam.

At one point, despite an active listening campaign, Amateur Radio operators on the air from Guam were simply not to be found. "We have six amateurs engaged in this, almost our entire complement of HF operators," said ARRL District Emergency Coordinator for the Commonwealth of the Northern Mariana Islands (CNMI) Tim Hayes, NH0H, December 15. Amateurs on Saipan monitored the agreed-upon emergency frequency of 7085 kHz almost continuously for a week without hearing a single Guam signal, he said. The Pacific Inter-Island Net on 14,320 kHz also made a special effort to listen for Guam stations.

1750 homes were destroyed and an estimated 3000 residents left homeless. Salvation Army Team Emergency Radio Network (SATERN) established contact between Guam and the SATERN national office in Chicago via an EchoLink connection--a marriage of Amateur Radio and the Internet. Communication with the outside world was possible via the Internet after December 11 as the fiber optic line between Guam and the Commonwealth of the Northern Mariana Islands survived the storm, and local Internet Service Providers were able to reconnect to the backbone.

Amateurs affiliated with the US Department of Health and Human Services' Office of Emergency Response flew to Guam. "We're very active here with disaster relief and have two sites operational on HF," said Steve "Sid" Caesar, NH7C, the team's communications officer.

HAMS AID MARITIME RESCUE

Amateur Radio operators on a 40-meter net that's aimed at helping stations obtain the Worked All States award are getting at least partial credit for helping to save a ham sailor and two companions whose boat was caught up in rough weather off the West Coast December 14. Steve Letendre, KE6FQC, said that during a late 40-meter session of the 3905 Century Club Net <http://www.3905ccn.com> on 7.233.5 MHz, an emergency break came on frequency.

"The man's boat was in high seas and taking on water approximately 350 miles south of San Diego near Cedros Island," Letendre said. "High winds and waves mostly kept him from spending too much time giving us info." Letendre says he later learned from the Coast Guard that the boat was being exposed to 12-15 foot waves and 60 MPH winds.

Net Control Station John Milner, W6BUM, requested a hold on the net while Letendre and Joe Seibert, AL1F, in Alaska attempted to communicate with the vessel's skipper--whom Letendre identified as Walter Jorgenson, W6ULT. "I was on the phone with San Diego Coast Guard, while Joe copied info as the questions came from them," Letendre said. "We were unable to get too much other info due to the boat getting slapped around pretty good. I'm sure the skipper had his hands full holding the wheel and a mic at the same time."

Somewhere in the excitement, Letendre said, the skipper fired a flare and a Mexican Naval vessel appeared and launched a raft. The passengers were taken aboard the naval vessel and the boat towed to safety. Letendre is modest about his net's role in the effort. "By the time we had good relays set up, he was rescued," he said.

The incident did provide an opportunity for Letendre to acquaint the US Coast Guard in his area with the net's existence. "The Coast Guard officer also thanked us and requested info on our group, so I gave him the home page," he explained.

League keeps eye on emerging RFI issues

ARRL Lab Supervisor Ed Hare, W1RFI, attended a November 12-14 meeting of the IEEE C63 "RFI" committee in Baltimore. Hare's visit was in response to a committee invitation for a presentation on the possible impact of Power Line Communications (PLC) on Amateur Radio. Hare also attended a very high bit-rate digital subscriber line (VDSL) standards meeting in Atlanta November 18-19. Hare says that both technologies present a potential to radiate signals that could raise the noise floor on nearby HF receivers by tens of dB. "What ham hasn't looked up at a power line and thought, 'Now there's a heck of a longwire antenna!'" Hare quipped. "The problem with PLC is that if a company wants to supply Internet service via PLC, it's going to happen at HF, and it will radiate." Following the presentation, the IEEE named Hare chairs its ad hoc working group on PLC. VDSL presents somewhat less of a challenge than PLC, Hare said, but for overhead telephone wiring, it's important that the industry include protections for Amateur Radio. Hare said the ARRL will continue to work these and other industry groups and build on the successes Amateur Radio has had recently with the HomePlug group and Home Phoneline Network Alliance in reducing interference to amateur HF bands.

Reginald Hoskin Sr, W7ROL, SK

Reggie Hoskin, W7ROL, of Four Lakes, Washington, died December 11. Hoskin's family says he turned 101 a couple of days before his death. He enjoyed a nearly lifelong interest in radio and had been licensed for at least 75 years. Dennis Coykendall, AC7KA, called Hoskin "the grand old man of radio in the Northwest, maybe the country." Said Charlene Davis, KC7RQF, of the Kamiak Butte Amateur Repeater Association, "Reggie checked into our nets regularly and helped folks on the air right up until the last week he was here." Both said Hoskin would be missed. Born in England, Hoskin got into radio fairly early after coming to the US. He received instruction from his high school principal in Ironwood, Michigan--a World War I Navy radio operator--and built his first station, a spark gap transmitter and crystal receiver, in 1919. It appears from early call books that Hoskin was first licensed in 1927 or 1928 as 9EML. He became W7ROL in 1946 after moving to

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(Continued from page 18)

Washington, where he served as the first president of the Cascade Radio Club. His late wife, Ruby, was W7QME. Over the years, he worked as a miner, fireman and electrician. Hoskin was among the very oldest members of the ARRL and of the amateur fraternity. He also belonged to the Old Old Timers Club member and the Quarter Century Wireless Association.

ROCK STAR GIVES MAJOR DONATION TO "THE BIG PROJECT"

Hoping that his donation will spur others to contribute to "The Big Project," veteran rock star and well-known amateur Joe Walsh, WB6ACU, has given in a major way to ARRL's Education and Technology Fund. ARRL Chief Development Officer Mary Hobart, K1MMH, says the "significant gift" through the Joseph F. Walsh Foundation will fund an additional eight pilot schools in the ARRL Education and Technology Program.

ARRL President Jim Haynie, W5JBP, expressed his gratitude for Walsh's dedication and support to The Big Project's goals and aims. "I am particularly pleased with Joe's donation, as it emphasizes his belief in our school project and more importantly, investing in the future of Amateur Radio," Haynie said. "The additional schools that will be brought into the program as a result of this donation represent a big step in increasing the number of students participating in the ARRL Science and Technology program."

Walsh, best-known as a guitarist, vocalist and songwriter with The Eagles and The James Gang, has been an active Amateur Radio operator for more than 37 years. He's also an avid collector of Collins Radio gear. The amount of his donation was not made public.

CURRICULUM REVIEW IS NEXT ON "THE BIG PROJECT" AGENDA

With the addition of 14 new schools--13 pilot schools and one progress grant school--in December, the ARRL Education and Technology Program--"The Big Project"--is up to a total of 41 participating schools. That's more than double the number of schools involved since the program's launch in February.

Early in 2003, the 13 pilot schools will be receiving complete Amateur Radio station equipment, a curriculum and a technical library, said ARRL Education and Technology Program coordinator Jerry Hill, KH6HU. The 14th school, which already uses Amateur Radio in the classroom, will receive a $500 progress grant.

More than new schools is being added to the Education and Technology Program. Hill said that as the program nears its first full year in existence, an evaluation of the curriculum is now under way. "We have a new draft of the curriculum, and we'll be testing it in all of the schools, asking them to add their lessons and activities and report back in June," Hill said. "Then we'll get a new one out for September and post it on the Web. The new curriculum will be out there for anyone to use." Hill says he does not expect Web posting until late next year, however.

WRC-03 CONFERENCE PREPARATORY MEETING EXPANDS 40-METER OPTIONS

Participants at the just-ended Conference Preparatory Meeting (CPM) for World Radiocommunication Conference 200 heard five ways to fix 40 meters, plus a sixth that would j leave things as they are.

"The five options for change all represent improvements i amateur band, although two fall short of fulfilling the 300 worldwide requirement," said ARRL Chief Executive Offic David Sumner, K1ZZ. He attended the Geneva gathering his role as International Amateur Radio Union (IARU) sec tary. "All six options maintain the existing 300-kHz exclu amateur allocation in Region 2."

The objective of the CPM was to complete work on a 700-p page extensive technical CPM Report, which outlines met to address the more than three dozen items that are on th WRC-03 agenda. As for amateur issues, Sumner says 7-M realignment or harmonization "is one of the most difficult sues facing WRC-03." As he explains the situation, three interests--amateurs, shortwave broadcasters, and users, mainly military, of the fixed and mobile services--have a s in the outcome.

The IARU is on record as supporting a 300-kHz worldwid amateur allocation in the vicinity of 7 MHz. Sumner said achieving this would require the fixed and mobile service make room for broadcasters and for the broadcasters to c their operating frequencies. The five methods for change CPM Report describes include a variety of transition sche to ease the impact on these other services.

* Method A would shift Region 1 and 3 broadcasters up b kHz to 7300-7550 kHz in two stages and would provide th same band for broadcasting in Region 2.

* Method B is similar but would have amateurs in Region and 3 sharing the upper 100 kHz of their newly expanded band with fixed and mobile.

* Method C would provide just 200 kHz for amateurs in R gions 1 and 3. Amateurs in Region 2 would continue to co with broadcasting interference from Regions 1 and 3 in th 7200-7300 kHz segment.

* Method D, proposed by Canada at the CPM, would prov 300 kHz worldwide for amateurs by shifting broadcasters Regions 1 and 3 up by 200 kHz but would not expand the gion 2 broadcasting allocation. This plan would minimize impact on fixed and mobile services in Region 2.

* Method E, proposed by the Republic of Korea at the CP would provide amateurs in Regions 1 and 3 with an addit 100 kHz shared with fixed and mobile (7100-7200 kHz). A with Method C, however, Region 2 amateurs would contin face broadcasting interference from Regions 1 and 3 in th 7200-7300 kHz segment.

* Method F, proposed by Australia at the CPM, would sim maintain the status quo. This plan reflects concerns abou impact of realignment on military and national security c munications capabilities.

"There is no guarantee that proposals will be limited to t methods described in the CPM Report," Sumner said.

FEB 2003

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
P.O. Box 11188
Tacoma, WA 98411

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February, 2003 EVENTS

Happy Valentine's Day!

Feb 1 - Pinochle Potluck

Feb 5 - Board Meeting, 7:30 p.m. Clubhouse - All members welcome

Feb 11 - License Testing - 7 PM, Clubhouse

Feb 12 - Club Meeting - Library Administration Center, 7:30 PM

Program: PIERCE COUNTY COMMUNICATIONS Paul Jones, AC7UJ, emergency coordination

***Feb 20** - BARK deadline* - PLEASE *please* get articles, columns, etc. in by that time!

Feb 26 - Club Meeting - Library Administration Center, 7:30 PM

Program: SHOW AND TELL Always a favorite program - details on page 8

- Support OUR club - Attend meetings, volunteer, elmer.
- Check in to the 2-meter Net every Tuesday night at 7:30, on 147.28. Hear additional information on programs and other events.
- *Check in on the 10 Meter Net every Sunday evening, 8 PM, on 28.375 MHz USB*
- See page 8 for meeting program schedule. Check the weekly net for updates to the program schedule.
- YLs - Check in to the YL Net on the 147.28 repeater every Monday at 8 PM.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1 W7DK Open House 10:00 AM 2:00 PM TROY WELLS KD7QYS * CLIVE TOBIN KC7ZLF *
2	3 KEITH MARSHALL KD7KPY Week 5	4 DICK STRONG KB6PWR * 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	5 7:30 PM RCT BOARD MTG	6	7 VAL BALDWIN N7VGO * DONALD PETERSEN KD7DON *	8 W7DK Open House 10:00 AM - 2:00 PM DUDLEY PILLIPS G4UFH
9	10 RICH MANSON N7ANF * Week 6	11 DOUG OAKMAN KD7SQR * 7:00 PM RCT LICENSE EXAMS 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	12 Lincoln's Birthday 7:30 7:30 PM W7DK GENERAL MEMBERSHIP MEETING	13 KARYL EDWARDS N7KWF *	14 Valentine's Day MARK TERJESON N7FIT * CHARLES ASHCRAFT KD7LZS * *	15 W7DK Open House 10:00 AM 2:00 PM GARY KOTAHLA W7NTF *
16 KARL GROTE KC7PAI *	17 President's Day Week 7	18 ROBERT LYONS KB7GTE * PETE JONES N8PSJ * 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	19 DONNA HATHAWAY NOCALL * JAMES MENDENHALL KE6WHN * OLIVER LARSEN W7WIA *	20 AL ERICKSON KD7OPJ *	21 PAM TERJESON KC7AZV *	22 Washington's Birthday W7DK Informal Flea Market W7DK Open House 10:00 AM - 2:00 PM TRESSIE HUGHES KC7BAL * ROBERT NELSON KD7HBE *
23	24 JOHN S THOMAS N7JFM * Week 8	25 JOE BALDASSARI KD7PAU * 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	26 7:30 PM W7DK GENERAL MEMBERSHIP MEETING	27 ED ROOT KC7OKS *	28	

club of tacoma radio W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

ARRL RADIO CLUB OF TACOMA W7DK

VOL. XXXX NR. 2 W7DK FEBRUARY, 2003

Events and News Brief

- Annual RCT FleaMarket is now "Hamfest" .story this page.
- Meeting Minutes page 4.
- Boy Scouts and high schools...Story in "Community Connections" page 9.
- Tuesday night net checkins See page 9.
- KA7INX is Silent Key...See page 15

In this Issue: MEMBER PROFILE Page 5

From the President, Mick KK7QS

A Vision for the Future - CQ All Special Interest Groups!

I hope everyone had a good year. As we charge head first into 2003, I would like to share with everyone what I would like to see the radio club become.

I would like to see the radio club become a group of small clubs within the Club. Let me explain a little. I think the radio club should contain several small special interest groups. Each group could be like its own small club.

Whether your interest is in HF, repeaters, packet, or any of the other many digital modes of operation, you should take advantage of the facilities. We should have a satellite station and a group to support it. We should have an ATV station and a group to support it. We should have.... Well, you get the picture.

The club can support many special interest groups. Please let me know if you are interested in starting a group of your own. I would love to add your group to my chart of committees.

I'm in the process of creating and mapping a flow chart of the club and its operation. Then I will add all the committees and their duties. Then the clubs activities will be added. I will include a calendar of events.

When I'm all through I hope to have the entire club

(Continued on page 4)

Inside this issue:

ARES/RACES	6
Feb. Things to Do	7
VE Team Reports & Classes Offered	8
Treasurer's Report & Elmer Board	12
QSL card of the month	14
Memberships	15
News from the ARRL	17

New Name for our Popular Annual Club Event

RCT HAMFEST!

Webster's Dictionary defines fleamarket as "An outdoor market...where inexpensive and or secondhand items are for sale."

There is no definition for "hamfest" in the dictionary but the closest we found was "*...I can SEE the definition of a successful hamfest. Sure, there's stuff for sale, but the real profit here is in the conversation and friendship!*" (from the Dayton Hamfest web page.) The ARRL uses the term "hamfest."

"...there's stuff for sale, but the real profit here is in the conversation and friendship!"- Dayton Hamfest 2002 web page

Frank Palmer. AC7JY, Chairman of the RCT event, has announced that the Radio Club of Tacoma's major fundraiser will be renamed RCT Hamfest.

The RCT 2003 Hamfest will take place on August 16, 2003 at Bethel Junior High school in Spanaway. Two adjoining gymnasiums, the cafeteria, one classroom, and lots of parking will be available.

Jill K7JIL has been designated as assistant Chairperson and any questions or comments can be directed to Frank or Jill at AC7JY@MSN.COM 253 539-7772.

Hamfest mtg planned - see page 15.

RADIO CLUB OF TACOMA – 2003

PRESIDENT	MICK PIER	KK7QS	847-8223
V PRESIDENT	RICH MANSON	N7ANF	474-8883
SECRETARY	ED ROOT	KC7OKS	851-7463
TREASURER	GARY MARTEK	W7DO	826-0184

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ROGER TERWILLIGER, WA7ANJ	475-4293
JILL PALMER, K7JIL	539-7772
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Feature writers: See Page 2: Send Articles and Submissions for this publication to: lmartek@cs.com or call Lynnette at 253-826-0184 for details.

PUBLISHER	W7DK PRESS	N7QHW	265-3661

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CORRECTIONS TO LAST MONTH'S LOGGER'S BAR

Your Bark Editor apologies for the following errors in last mon issue of the Bark:

(If you find mistakes that need to be corrected, please let me kn when you do, be kind...that's all I will say about that.)

The VE Testing date was erroneously listed last month - VE Te at the Clubhouse is the SECOND TUESDAY OF THE MONT

On this page, the "PL" listings - "PL" is copyrighted so we've ad the copyright © symbol there. Boy, it's hard being the Editor - most sincere apologies to whoever copyrighted "PL." I can ass you, we work hard to give credit where due in this publication.



CLUB MEETINGS: 7:30 PM 2nd & 4th Wednesdays of each month at the Pierce County Library Administration Building, 3005 - 112th Street East, Tacoma, WA

W7DK/Radio Club of Tacoma

147.28 / .88 MHz

147.38 / .98 MHz (PL© 103.5)

144.97 - Packet

440.625 / 445.625 (PL© 103.5)

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 253-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to lmartek@cs.com or mail to Lynnette Martek, KD7BVO, 308 118th Ave. Ct. E., Edgewood, WA 98372. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page. Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. *The Logger's Bark* does not verify or guarantee statements in the Sw Wanted columns. Permission is granted to use any or all portio articles published in *The Logger's Bark* if credit line is included report.

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POSTMASTER SEND ADDRESS CHANGE TO: *LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.

The Radio Club of Tacoma is a non profit organization as defi law, and all proceeds will be used exclusively for charitable an cational purposes.

(Continued from page 2)

mapped on a single web. This should enable me to find anything about the club or its operation with just the click of the locator. I will be able to use the flow chart to keep track of all the club's projects and activities. This will make it easier to organize the operation of the club.

With a click of the locator, we'll be able to keep track of all the Club's projects and activities.

The Board will need regular communications with all the committee heads and projects leaders. Without this we will be unable to put any of this to use.

Please keep us informed of the progress of YOUR committee or project. I believe a smooth running club is what we would all like to see.

We are looking forward to a lot of progress in 2003.

Most of all let's not forget to HAVE FUN! " 73" de kk7qs

Radio Club of Tacoma Meeting Minutes

RCT Board Meeting December 4, 2002

President Mick Pier, KK7QS, called the meeting to order at 7:30 PM.

The minutes were approved as presented.

Correspondence: A letter from Lynette Martek, Bark Editor, outlining plans for the Bark, membership renewals, Broadband bill, and bank statements.

Treasurer's Report: Income was $1243.55. Expenses were $1817.71. A report will be in the Bark.

Committee Reports: A site for the 2003 Flea Market has been confirmed. It's Bethel Junior High School Auditorium.

A discussion and decision to cancel the January Board Meeting on New Year's Day. Any essential business will be handled at the regular club business meeting on January 8, 2003.

Awards Committee: Frank and Jill Palmer developed some recognition certificates. A $20 donation was authorized for seals and certificates. The plan is to have awards given out at meetings throughout the year, recognizing member's contributions.

Old Business: A scholarship proposal was presented. We will look at it and vote on the proposal at the next Board meeting.

A discussion was held on credit cards and how some bogus charges can show up. Be careful with your information and review your statements.

Worth Gurley, spoke about the American Museum of Radio in Bellingham. It is worth a visit if you are in the area.

The Christmas Party will be on December 14, 2002. Help is still needed with set-up. Please bring a dish to share.

Rich Manson spoke about fund raising. He told us of a book that lists companies and organizations that give grants.

The Grand Prize drawing at the Christmas Party will be for an Alinco dual band mobile radio. You do not have to be present to win, but you do need to be a club member.

Good of the Order: Al Burleson mentioned that Boeing surplus had some good heat shrink tubing at a very good price.

Present at the meeting: Mick KK7QS, Worth W7WG, Rich N7ANF, Roger WA7ANJ, and Ed, KC7OKS. Guests were: Jerry, W7BUN, Dawn KC7VZM, Al K7HW, Ray AC7KQ, Pete KK7QW, Bob N7AHR, June - No Call, and Bud K7BUD.

The meeting was adjourned at 8:20 PM.

Respectfully submitted,

Ed Root, KC7OKS, Secretary

RCT Membership Meeting December 11, 2002

Mick Pier, KK7QS. President, called the meeting to order at 7:30 PM. and led the Flag Salute.

Introductions were made around the room.

Illness or Silent Key: Reggie, W7ROL, SK, had just celebrated his 101st birthday. Mac, W6NBD, is in a nursing home.

Correspondence: Membership renewals, P.O. Box rental bill, a thank you letter to Jill for her "Sunshine" work, newsletters, and information from the water company.

Treasurer's Report: In the Bark.

Announcements: Jerry, W7BUN, said that he is signing up students for Extra and General classes to be held after the first of the year. He also announced that there were 28 signed up for the January Technician class. The first January meeting will be a presentation by Hal, W7EC, and Bob, W7SKI, about building a screwdriver antenna.

Tonight's Program: A presentation by Greg Milnes, W7OZ, ARRL Northwestern Division Director.

Announcements: Lynette, KD7BVO, is going to start putting pictures in the Bark. Rich, N7ANF, announced the Christmas party is December 14th at TACID. There will be lots of food and prizes. Jerry, W7BUN, announced this weekend is the 10-meter contest.

Morel, W6LIX, asked to be relieved from his position on the Board due to health concerns. Roger, WA7ANJ, has been appointed to replace him.

Mick announced that there would be no Board Meeting in January.

(Continued on page 9)

Radio Club of Tacoma Member Profile

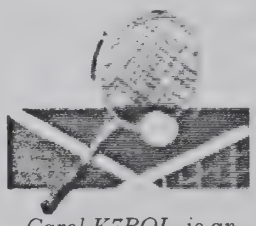
The Bark will be presenting a series of Member Profiles. Since this is February, we thought this the perfect time to profile a whole family. It's our great pleasure to introduce you to AC7LK, K7ROL, KD7QBD, and KD7QBC. John and Carol with Carol's two sons, Lucas and Geoffrey make up a whole house of amateur radio operators.



John AC7LK, Geoff KD7QBC, Lucas KD7QBD, and Carol K7R

Carol was originally licensed about 12 years ago but let her license expire. She was relicensed as KD7OPT and recently obtained the vanity call, K7ROL. John and Carol have two home stations, one in each of their cars, one in the boat, and no less than five HT's! Lucas is at Western Washington University and has set up a station in his dorm.

John is a lawyer with a general practice in Tacoma. Carol works as an escrow officer at a local title company.



Carol K7ROL, is an avid tennis player

Carol is an avid tennis player and plays as often as she can. We hear she's planning on going on the tennis tour soon. Carol has developed an interest in radio contesting and is heading up the RCT YL 20-meter Field Day group.

As a family, they like to spend time playing with their boats which include a Sea-Ray cruiser, an 18 foot Eliminator pickle-fork hydro, and a 16 foot Sterling ski boat. John is a car enthusiast and recently built a replica 427 Cobra (with Carol's help who was willing to spend much time on a creeper with wrench in hand). John and Lucas completed a total rebuild of a 1977 Nova hotrod. Recently, Geoff has acquired a 1969 Nova and he and John are in the process of building up a motor and transmission for it. All three men in the family are going to change the entire driveline and suspension over Geoff's Spring break.



Rebuilding cars is a favorite hobby

Besides boating and automobile construction, John's hobbies include racing and of course, radio. He's a member of the Elks, the local yacht club, and belongs to the Washington State Republican party. He has had a lifelong interest in radio and spent hours listening to a National NC-98 receiver as a child, building his first transmitter when he was 12 and has played with radio ever since. Currently John is an RCT Board Member.

The whole family will be involve in Field Day this year. John is in charge of the club's GOTA ("Get n The Air") station and Lucas and Geoff are excited about participa n with John as the GOTA station ll be a HF station this year. Carol will be busy when e yls get on 20 meter phon

The Radio Club of Tacoma s fortunate to have so many great members and John a Carol's family count as sor our most enthusiastic in helping t any way they can. Truly a great h n family!

Both Carol and John can be hear on the W7DK repeater, so if you hea them be sure to say hello.

FIRST CONTACT AWARD

There is a certificate that can be given to new hams for their first on the air contact. Jerry, W7BUN, has a supply First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jr at 845-7652 and provide that information along with the date of the contact, and a First Contact Award will be iss

ARES/RACES BY SHIRLEY MURPHY, N7QHW

Mark Yordy, W7BBO, Emergency Coordinator/RACES Radio Officer is open to any and all ideas from anyone on how you feel ARES can best be promoted in Pierce County. Contact him via email at w7bbo@juno.com. ATTENTION !!!

There is a county wide drill that will take place on February 2, 2003. The scenario will be an earthquake with a lahar. Part of the scenario will be that the Pierce County EOC and the building it is housed in will be out of commission. This drill is being organized by Jim Lawrence, N7RHX. Contact Jim Lawrence, N7RHX, at 253-862-1041 or by email n7rhx@aol.com. We need to practice so this is a good time to get involved.

In May 2003, there will be an exercise involving King, Kitsap and Pierce counties. This is the extent of the information available at this time but keep it in mind for May. Lots of volunteers are always needed. This was announced at the WWA Section Coordinators meeting that Mark, W7BBO, attended for DEC's and EC's.

Stay tuned for future announcements for classes on Level 1, EMCOM (Emergency Communications) ARRL Certification course and First Aid and CPR courses. These courses are available for interested persons to sign up by accessing the ARRL web page (www.arrl.org). I have not taken it myself but understand it is very good.

A reminder to all, if you are interested in ARES and have HF privileges, you are welcome to check into the WA States ARES net held on Mondays at 6:30 PM and Saturdays at 9 AM on the frequency of 3985 KHz. The back up frequency is 7245 KHz.

Rich Heasty, KK7VH, the Net Manager for Pierce County Amateur Radio Communications Services nets is still looking for volunteers to help run the net. He may be reached at 360-897-6576 or via email at rheasty@wolfenet.net if you would like to volunteer to do a net.

Shirley Murphy, N7QHW, manages membership applications and maintenance of the roster. Contact Shirley at 253-265-3661 or via email at sundancealso@harbornet.com regarding any questions or concerns relating to Department of Emergency Management Worker Identification Cards. A reminder to all that if your DEM card has an expiration date during the first 6 months of 2003, contact her for a renewal form to get an updated card.

Special Events Manager is Judy La Fleur, N7NII, who can be reached via telephone at 253-847-5198 (you must leave a message and she or her representative will get back to you).

County-Wide ARES drill scheduled for February 2, 2003 will simulate earthquake emergency procedures

Medical Services Manager Pat Nicholson, N7WGR is looking for volunteers to help support the communications needed for medical facilities. Contact him at 253-864-6589 or via email at patn0011@earthlink.net.

Mario Badua, KD6ILO, is leading the Emergency Communications Emergency Response Team. These are the folks that are the first persons to be called out for events. He has zones 3, 4, and 5 covered but is looking for volunteers to cover zones 1, 2, and 6. Volunteers would need a 4 wheel drive vehicle equipped with radios. Ideally, a 2 person team is desired but to get started, a single person can be a responder. Contact Mario at 253-952-5880 or via email at kd6ilo@arrl.net.

Watch the NOAA website for future Skywarn weather spotter training classes. The web address is www.wrh.noaa.gov/seattle.

I would like to once again encourage everyone to get active in ARES/RACES and get behind our new leadership persons and give them your support.

Don't forget to check into the Pierce County Amateur Radio Communication Services net on each Tuesday at 7 PM on the 145.370 MHz repeater.

We have a new web page address. It is http://piercecounty.tripod.com. Check it out and see what is happening. More information will be added as it is needed or becomes available. The net preamble is also available on the web page. Thanks to all for your support of ARES/RACES. 73 Shirley, N7QHW

Pierce County Phone Numbers:

Pierce County Emergency Coordinator: Mark Yordy, W7BBO 253-857-5123

Assistant Emergency Coordinator/Zone 1 Manager: Rollo Van Slyke, N7JQ 360-876-2803

Assistant Emergency Coordinators/ Anderson Island Managers: John Mollan, AE7P and Donna Mollan, WB7FDE. 253-884-1679

Net Manager for Pierce County Amateur Radio Communications Services nets: Rich Heasty, KK7VH 360-897-6576

Membership Applications and Roster Maintenance: Shirley Murphy, N7QHW 253-265-3661

Special Events Manager: Judy LaFleur, N7NII 253-847-5198

Medical Services Manager: Pat Nicholson N7WGR 253-864-6589

Emergency Communications Emergency Response Team Lead: Mario Badua, KD6ILO 253-952-5880

Upcoming Contests

SSB

- Feb 2: North American Sprint 0000-0400Z 2 Feb 80/40/20M SSB
- Feb 15-17: YLRL YL/OM 1400Z 15 Feb. - 0200Z 17 Feb. 80-10M SSB
- Feb 21-23: CQ WW 160M 2200Z 21 Feb. - 1600Z 23 Feb 160M SSB
- Mar 1-2: ARRL International DX 0000Z 1 Mar. - 2400Z 2 Mar. 160-10M SSB

For more contest details, go to www.arrl.org/contests

CW

- Feb 8: FISTS Winter Sprint 1700-2100Z 8 Feb. 80-10M CW
- Feb 9: North American Sprint 0000-0400Z 9 Feb. 80/40/20M CW
- Feb 8: Pacific Sprint 1100-1300Z 8 Feb. 40/20/15M CW
- Feb 19: AGCW Semi-Automatic Key Evening 1900-2030Z 19 Feb 3.540 - 3.560 MHz CW
- Feb 23: High Speed Club 0900-1100Z + 1500-1700Z 23 Feb 80-10M CW

RTTY

- Feb 9: CQ WW RTTY WPX 0000Z 8 Feb. - 2400Z 9 Feb. 80-10M RTTY
- Mar 9: North American Sprint 0000-0400Z 9 Mar. 80/40/20M RTTY
- Mar 9: High Speed RTTY Sprint 1800-2200Z 9 Mar. 80-10M RTTY

If you have contest results from your station, please send them along to the Bark Editor so we can report on our members' activities!

Mark your Calendar:

- February 15 - ATV Demonstration at the Clubhouse (more on pg 14)
- February 15 - YLs Field Day "practice" (see pg 11)
- February 22 - Mini-swap meet, Special Activity Day at the clubhouse (see pg 13)

AMATEUR TV PART
at the ClubHous

February 15th at the Clubhouse - great time to learn about amateur t vision.

Pacific NW Hamfests

February 15: The 23rd Annual Salem HamFair

Salem Repeater Association, Rickreal Ore n. West of Salem where Hwy 22 meets 99W the Polk County Fairgrounds. Doors open a.m. Talk in 146.86 (-) PL 186.2

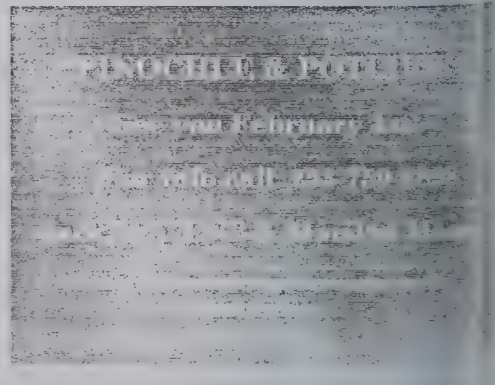
Coming March 8 - Mike and Key Flea Ma at the Western Washington Fairgrounds, Puyallup.

RCT Hamfest is August 16th in Spanaw AC7JY, Chair (see article page 2)

Saturday, February 22nd Mini Swa Meet at the Clubhouse

9 a.m. to 2 p.m. There will be food (h dogs, etc.)

Bring in your items you want to swap sell or stop by to see what others brin



Every Saturday the Clubhouse is open fr 9 a.m. to 2 p.m.

Feb 12th

UPCOMING PROGRAMS AT RCT

Feb 26th

WEDNESDAY, FEBRUARY 12TH - PIERCE COUNTY COMMUNICATIONS

Paul Jones, AC7UJ, will talk about developing coordination with amateur radio groups which can assist the Pierce County Communications Division in times of emergencies. This will create a network of hams available to work in the three county mobile communications units, which have amateur radio capability. Paul works with Pierce County Communications and is also active in CAP and MARS.

WEDNESDAY, FEBRUARY 26TH – SHOW AND TELL

All the members attending this meeting are encouraged to bring a radio related item to show and tell. Bring something unique or common, something bought or built, something very old or very new. Plan on describing its function, or even possibly demonstrating its operation. Show and tell meetings are always a lot of fun, so be sure to participate by bringing an interesting item.

ARRL RCT VE Team Report by Shirley Murphy, N7QHW

January 2003 was a very busy night of license exam testing and really got 2003 started with a bang. Again, we all earned our pay. Thirty-one people tested during the VE Testing session. Out of the 31 people, 23 people achieved a new license, 4 people achieved an upgrade and the remaining 4 were not successful in their attempt to pass the requested test element.

Overall, there were 34 test elements given. 28 were passing and 6 failures for a percentage rate of 82.4% passing. Achievements included 20 Technician Class license, 1 Tech with HF, 3 General Class license, and 1 Extra Class license.

WOW! What a Month!

23 New Licensees!

Congratulations to Radio Club Members Martin Johnson, KC7ZWG, General Class; Charles E Smith, Call Pending, Technician Class; William W Cole III, Call Pending, Technician Class; Shawn Churchill, Call Pending, Technician Class; Peter Welty, KD6SVZ, Extra Class; and Daniel Bauman, Call Pending, Technician Class (son of Jeff Bauman, KC7ZWE).
Congratulations to the group of instructors who prepared the people so well that the majority of them were successful at this testing session.

Thanks also to the VE Team members who helped make the testing session run so smoothly. It is very much appreciated and couldn't be done without you. Keep up the good work and next month I'll raise your salary.
73, Shirley, N7QHW, Radio Club of Tacoma VE Team Liaison

Amateur Radio License Instruction at RCT

Technician Class to be held Sat. & Sun. Feb. 8th and 9th. General Class will begin mid-February.

Anyone interested in the no-code Technician licensing classes should contact Jerry W7BUN at 253-845-7652 or w7bun@wa.net for information. The no-code tech classes have been filling up so if you, or someone you know, wants to take the class, encourage them to contact W7BUN to be sure to get in the next available class.

Radio Classes Offered

The club is making a mass purchase of excellent quality RG-213 coax - very special price at 32 cents a foot delivered here. This is Mil. Spec. coax, direct burial, ultra violet resistant, 95%+ braid. Contact Jerry, W7BUN 253-845-7652 for class info or to place a coax order.

RCT 147.28 MHz Tuesday Evening December 2002 Checkins to Tuesday Night Net

Call Sign, Number of Checkins, Name

NET CONTROL STATIONS
DECEMBER 3: KK7QS
DECEMBER 10: KA7IOX
DECEMBER 17: WG7X
DECEMBER 24: W7BUN
DECEMBER 31: W7BUN

NUMBER OF CHECK-INS
by call sign with name

K4RNT-2-ALEX
KB6OKS -1-LYNN
N7ANF-2-RICH
WB7AUJ-1-DAVID
N7BKK-1-NINA
KJ7BN-2-MARILYN
AC7BU-3-AL
K7BUD-3-BUD
W7BUN-5-JERRY
KD7BVO-1-LYNNETTE
N7CEO-1-LINK
KD7CZL-1-CHRIS
K7DBU-1-JACK
W7DON-2-DON
W7EC-3-HAL
KC7EQ-2-ANGELA
K7HW-1-AL
KB7IHB-1-BILL
W7IMW-3-JACK
KA7IOX-5-SCOTT
WA7IVO-1-NICK
K7JIL-4-JILL
KC7JME-2-NORA
KC7JPJ-3-BRUCE
AC7JY-4-FRANK
AC7KQ-1-RAY
AC7LK-3-JOHN
KD7NPT-1-TODD
WA7OHG-5-WADE
KD7NUV-4-MICKEY
WB7ODY-1-FRED
WA7OEE-1-RON
WA7OHG-5-WADE
KD7PAU-2-JOE
KD7OYY-1-PAT
KD7PJU-2-JESSICA
K7PZF-2-JOHN
KB7QAG-5-JEFF
KD7QBC-1-GEOFF
WB7QCK-1-BOB
WB7QCS-1-ROB
N7QHW-2-SHIRLEY
N7QHX-3-TOM
W7QHX-1-DAVID
KD7QLG-1-DALE
KD7QLJ-3-BOB
N7QOZ-3-BOB
KK7QS-1-MICK
KK7QW-2-PETE
KD7QYS-1-TROY
KD7QYT-2-STEVE
KD7QYU-2-JUD
KD7RKV-3-KYLE
KD7RNJ-1-RICK
K7ROL-3-CAROL
W7RW-1-ANDY
KD7RWT-1-GINO
W7SFO-1-RYAN
W7SKI-2-BOB
KD7SQR-3-DOUG
KB7SVX-3-JEAN
KD7SXE-1-PHIL
KD7SXU-2-GARRY
KD7SXX-2-CATHY
KD7SXY-3-JIM
KD7SXZ-4-RODDNEY
KD7SYF-2-CHRIS
KD7TQT-1-MIKE
KD7TQX-2-ADAM
KD7TRB-1-ROB
NTZQ-1-DENNIS
KBUXU-1-MIKE
N7VIF-1-PEDRO
KC7VUM-5-LOU
W7WG-1-WORTH
AB7WJ-1-BILL
WG7X-5-GARY
KB7ZDR-2-MICHAEL
KD7ZWG-4-MARTY
KC7ZWM-1-JESSICA
N0XXQ-1-NATHAN

(Continued from page 4)

Hints and Kinks: A speaker mounted in the auto headrest seems to work well.

Gary, W7DO, was one of 4 people who used a commercial radio antenna tower at night for the 160 meter CW contest.

Good of the Order: Max Bice, W7AEA, SK, had a last request of the club. He wished us to continue the good work and fun activities that he enjoyed so much.

Drawings: Door prize, a $10 gift certificate to Old Country Buffet, won by Bill, AB7WJ. A WW2END T-shirt won by Eddie, KA7LGZ. 50/50 drawing for $43.50 was won by Mick, KK7QS.

38 people were in attendance.

The meeting was adjourned at 9:05 PM.

Respectfully submitted,

Ed Root, KC7OKS, Secretary

RCT General Membership Meeting January 8, 2003

Meeting opened at 7:30 p.m. by Mick. KK7QS. He led us in the flag salute.

Introductions were made around the room. We had several new hams and visitors.

Illness or Silent Key: None reported.

Correspondence: Membership renewals, newsletters, address corrections, ads, bank statements, bills, and a thank you note from the daughter of Max Bice, W7AEA.

Treasurer's Report: In the Bark.

Announcements: Mick, KK7QS, announced that the January Board meeting had been canceled due to it being on New Year's Day. Jerry, W7BUN, announced that the classes were pretty full and would be starting soon. He also told us that we would be able to get RG-213 coax through the club for about $0.33/foot. Jerry also spoke about the YL contesting group starting up. Second January meeting will be dB's demystified. Tonight's program: Homemade screwdriver, multiband HF antenna, put on by Hal, W7EC and Bob, W7SKI. Useful for mobile operations.

Hints and Kinks: A trap antenna was showed that can catch mice or fingers. A thank you to Nick, WA7IVO, for help on a RFI problem. Also a recommendation to use our Elmers, a good resource. Further Announcements: John, AC7LK, told us about the need for with the Scout camp this summer Hood Canal. It will run for 5 week and if there are enough volunteer person would only need to help fo short period. Watch the Bark for f ther details.

Committee Reports: The repeater t the clubhouse are in the process c ing moved downstairs. We will gi notice when the repeater has to b off the air for the move.

Bark Editor Lynnette, KD7BVO, would like some articles for the B k. She also requested that they be in time.

Tuning and Traffic: First contact awards were given to Ray, KD7T and Larry, KD7TQW.

Drawings: Door prizes were a sol iron won by Chuck, and a $10 gif tificate won by an unrecorded rec ent. The 50/50 drawing was for $ and won by Nick, WA7IVO.

67 people signed up as in attenda good turn out.

Adjourned at 9:05 p.m.

Respectfully submitted,

Ed Root KC7OKS, Secretary

2002 Year in Review

RCT VE Testing 2002 Summary Report

RCT VE Team gave 241 tests in the past year

Two hundred thirty-nine people tested during the VE Testing sessions. Out of the 239 people, 119 people achieved a new license, 59 people achieved an upgrade, 14 people passed their requested test element but did not upgrade and the remaining 47 people were not successful in their attempt to pass the requested test element.

Overall, there were 241 test elements given. 189 were passing and 52 failures for a percentage rate of 78.4% passing.
Achievements included 119 Technician Class licenses, 7 Tech with HF, 32 General Class licenses, and 22 Extra Class licenses.

I don't have the instructors names but perhaps that will appear in another report. They do deserve a huge congratulations, though for a job well done in 2002.

Overall, there was a 78.4% pass rate. 119 New Hams! Congratulations!

In addition to the instructors, it wouldn't happen without our Volunteer Examiners who also deserve a huge congratulations for a job very well done. Participating VE's in 2002 were Shirley Murphy, N7QHW; Tom Murphy, N7QHX; Al Burleson, K7HW; Gary Kohtala, W7NTF; Jerry Seligman, W7BUN; Jim Kinney, WT7Y; Don Perry, K7QLC; Jim Lawrence, N7RHX; John Black, N7KN; Larry Smith, AB7FJ; Roland Svensson, WQ7P; Roger Terwilliger, WA7ANJ; Mick Pier, KK7QS; John Robson, AC7LK; Chuck Souter, KA7HJN; Val Baldwin, N7VGO; George Noble, KK7FM; Peter David, KK7QW; Morel Guyot, W6LIX; Worth Gurley, W7WG; Bill Jonez, AB7WJ; Angela Korn, AC7EQ; Nick Winter, WA7IVO; Bob Tompkins, KD7IBU; Al Churchill, AC7BU; Alan Hughes, KB7SVU; Scott Clausen, NF7Y; Don Olson, W7DON; Roy Myers, WA7UZL; Frank Palmer, AC7JY; and Jill Palmer, K7JIL.

73, Shirley, N7QHW, Radio Club of Tacoma VE Team Liaison

Summary of 2002 RCT Training Classes

Technician Class Course - five sessions - 73 students graduated

General Class Course - three sessions - 25 students graduated

Amateur Extra Class Course - three sessions - 28 students graduated

Total - eleven sessions - 126 students graduated

A special thank you to all the instructors who helped teach the Technician course.

Jerry W7BUN, RCT Training Coordinator

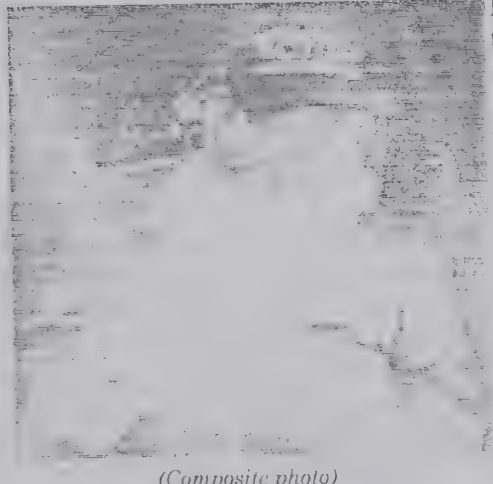
RCT VE TESTING IS EVERY SECOND TUESDAY OF EACH MONTH AT THE CLUBHOUSE AT 7 P.M.

Anyone wanting to take any element of the amateur radio tests is welcome - no reservations needed.

Santa on the Air de KC7OKS "Old Kind Santa"

Once again on December 19th, I was privileged to assist Santa Claus in talking to the children at Mary Bridge hospital. I also had able assistance from Todd. KD7NPT, George, KK7FM, and the staff in the children's wards. This has to be one of the most satisfying and rewarding things that I have been able to do in HAM radio. It was also a great privilege to be asked to help again for the second year.

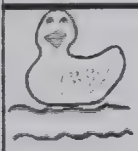
We were able to talk to about 9 children. They were able to talk to Santa and he talked to them. His knowledge of what they had been up to and that they had been good settled any questions they may have had on whether he would find them if they were still in the hospital on Christmas Day.



(Composite photo)

When you learn of some of the problems that the kids have and procedures they go through you get just a glimmering of their fortitude. To be able to bring just a little happiness to them was a satisfying experience.

So from the North Pole (Classified exact location) HO. HO. HO!! From Santa. KC7OldKindSanta. and 73.



What do you do with a Rubber Ducky?

Rich, N7ANF, *RCT Vice Pres. And Host at the Clubhouse on most Saturdays*

Some RF stuff:

Do you know the lowest frequency RF that will leave an antenna wire?

Answer: About 10 kHz. We can actually hear up that far (when we're young even up to 15 or 20 kHz). 10 kHz, that's 10,000 cycles per sec. A resonant center-fed dipole or an end-fed 1/2-wave wire would be 46,800 feet or about 8.9 miles. Or you could find two mountains and string a few miles of wire between them for a top loading capacity hat, drop a thousand foot wire down to your transmitter and cover the valley floor with welded wire mesh, and you would have a nice vertical VLF antenna setup with a good ground plane.

That is just what they do up at the Jim Creek Naval VLF radio station. They have two half million watt transmitters they use for RTTY and data. It will actually go through salt water to submarines. I've been up to see it, twice when I was younger, and let me tell you it's some kind of radio station. (After the Sept 11 events of last year, it might be a bit of a problem to get in to see now.)

And just think if 60 Hz could radiate (some of us actually think it does on 10 through 160 meters), it would only be 1477 miles long. That's about from Tacoma to Los Angeles. If you put it up at a quarter wave you would have to have a 738 mile high tower. With one about every two blocks (660 feet) you'd have about 11,816 of them. Well, thank goodness for VHF and UHF. We can stick it all up on one tower or pole. So get some aluminum up in the air, work some local VHF/UHF DX, get on the IRLP for some "virtual DX," and we'll see you next month.



Remember Ham Radio is FUN !

Community Connections

New featur

by Todd KD7NPT

It was apparent to me in the past month that people definitely think this column is a good idea. Many people have commented about this column and I definitely appreciate the plug from Lynnette (KD7BVO) in the last issue. Keep those ideas coming to spindoctortodd@earthlink.net!

Enough said. Let's get to it.

Boy Scout Radio Merit Badge program

John Robson, AC7LK, has been representing the Radio Club of Tacoma with a local scout troop and has done a great deal with them lately. The club is sponsoring a Boy Scout Radio Merit Badge program, so the boys in the scout troop meet at the club each Monday evening for an hour for seven weeks. This program began on January 6 and once they have gone through the merit badge process, they are encouraged to become licensed amateurs. Late last year, the merit badge program resulted in three enrollments in th club's licensing class and we are expecting about the same numbe this year.

Reaching out to are schools

Several members in the club hav also been reaching out to area hi schools. Recently, antenna insta were performed at Gig Harbor H School and at Mt. Tahoma High School. With a loan of equipmen two teachers who are licensed h and some assistance in erecting general coverage H.F. antenna c the school property, two clubs ar now up and operating.

As you can see, it's happening! Please keep those ideas coming In know there's more out there. I you have to do is send me an e-m grab me when I am on the repea or chat with me when I am at th club. See ya next time!

Attention Ladies!

We're planning ahead to Field Day 2003.

Carol, K7ROL and Lynnette, KD7BVO had so much fun at Field Day last year that we discussed a YL band. Jerry, W7BUN has graciously agreed to let the YLs do the 20-meter phone band for the upcoming Field Day.

To meet, get started, and get some practice, all interested yls are invited to participate in the YL/OM contest on February 15 at the station of W7BUN.

This will be an experience for the fun of it, just to get everyone familiar with operating in a somewhat higher frenzy of activity than normal operating.

All interested YLs are invited t tend this Saturday event. We'll e there from 10 a.m. to 3 p.m. C by so we can get acquainted.

Be sure to mark your calendar r Field Day June 28 and 29th. I have never been to Field Day, y find it's a great time. No matte your license class, you can join you are not licensed, you can a participate.

Let Carol know if you can join Field Day and pass the word - need as much help as we can g

Contact Carol K7ROL 253-564

TREASURER'S REPORT

TREASURER'S REPORT
DEC 2002
de Roger WA7ANJ

INCOME	
ARRL DUES	$39.00
BADGE SALES	9.00
BOOK SALES	329.00
CLASSES	110.00
DONATIONS (SCHOOL)	5.00
DUES	515.00
FIELD DAY	10.42
MISC (FOUND)	43.58
TOTAL:	$1061.00

EXPENSES	
ARRL DUES	$24.00
AT&T BB	20.05
BOOKS COST	344.74
CHRISTMAS PARTY	230.22
CLASS	70.00
CLUBHOUSE (RPAIR)	46.43
DOOR PRZ	329.95
FEES	260.00
TOTAL	$1325.39

NET: -$264.39
TRANSFERRED $3000.00 FROM GEN FUND TO WM MMF

Thanks for the opportunity, and the experience, of serving as Treasurer of the Radio Club of Tacoma.
73, Roger, WA7ANJ

Wanted: Machine Lathing Help

Hal, W7EC is in search of a machine lathe to use to have a few pieces of PVC pipe lathed into a coil form for the screwdriver antenna he demonstrated at the January 8th club meeting.
A number of members have expressed interest in building the antenna and we'd like to find a local source to have the grooves done.
If you, or someone you know, can help him out please give him a call at 253-845-6259 after 5 p.m. This is a great way to help out your fellow club members!

Editorial by Lynnette KD7BVO

Worth, W7WG, has been a great help to me in researching history of radio and the RCT. At our most recent meeting, he got me looking through the QST archives at the clubhouse. I've been looking at the QSTs from the 1940s. During those war years, every issue had something about the military. In those days, amateur radio operators were recruited by the military to provide communications services.

These days we don't see such emphasis placed on war-time radio activities but with President Bush talking about war, I think we should give some emphasis to supporting our troops who are defending freedom around the world.

In last month's Bark, we included a small article about Jill K7JIL's daughter Jessica who made her first contact on the W7DK 2-meter net. Jessica by now is in Germany on active military duty.

Do we know of anyone else stationed overseas in the military? Do we know of any military personnel who would appreciate knowing that their service is appreciated?

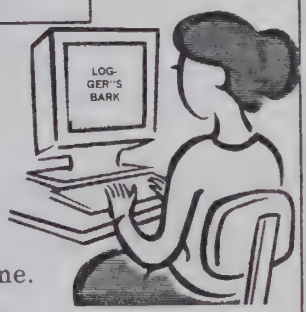
I wonder if any of them would enjoy receiving a copy of the Bark to help them keep touch with home and radio? I realize there would be an extra expense in sending copies of the Bark oversees, but I think we should think about it. Gather some names and addresses of local service men and women who are amateur radio operators, put them on our mailing list, and ask the membership if someone would be willing to foot the bill for the extra postage.

Lynnette Martek

308 118th Ave Ct E.
Edgewood, WA 98372
or call 253-826-0184

Email to
lmartek@cs.com

This would be just one small way we could help keep their interest in radio alive, brighten their day, and encourage them to join us at the RCT when they come back home.



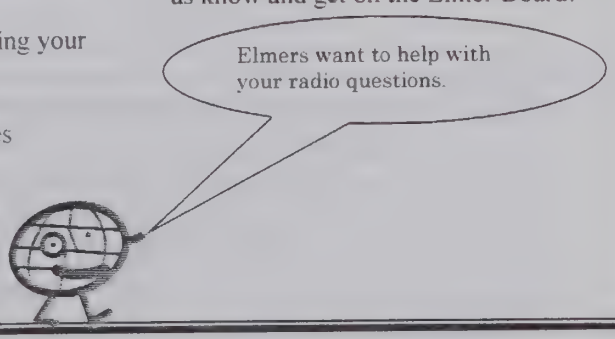
ELMER BOARD

Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members' areas of interest.

1.Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment
12. IRLP

Name/Call Sign	Help with topic	Phone Number
Jerry, W7BUN	1,4,6,9,10	253-845-7652:
Alan, KB7SVU	4,5,10	253-840-4947
Frank, AB7YZ	2,3	253-752-8520
Roger, WA7ANJ	1,2,3,4,7,8,11	253-475-4293
Angela, KC7EQ	2	
John, AC7LK	3, 4, 8,10,12	253-984-6709:
Mick, KK7QS	12	253-847-8223

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the Elmer Board!



MUSEUM MUSINGS by Worth W7WG

Forward to the Past: Amateur Radio during the Last Century

The Radio Club of Tacoma is the longest continuously operating Amateur Radio Club in the U.S.

Al Burleson, K7HW, confided in me that our Radio Club of Tacoma was the longest continuously operating Amateur Radio Club in the United States.

As Wade, Pete, and others were tweeting away on their 6 meter CW DX contact between the Clubhouse and Lakewood, Al disclosed that our Club had continued meeting during the two World Wars when all amateur radio stations were off the air. An equally old club in Milwaukee had not.

Some time ago Al found in the Club's Museum-Library collection a copy of the Tacoma News Tribune for Sunday Oct. 10, 1971 containing a full-page article about our club. In that article Dr. F. Clifford J. Spike, W7OS, a 71 year old Tacoma dentist and 55 year member [he must have been 16 when he joined the club], reminisced about the early days. "We had no books to study, no supply houses for parts and no one to teach us what to do, but that brought us together."

They had used crystal sets for reception, examples of which are in our Museum displays. "The radio club held its first meeting on Oct. 20, 1916 at the home of Dwight Mason, but it wasn't until 1931 that members move into their first regular club-house at S. 14th and Oakes streets." [In the Museum is a W7DK QSL showing that clubhouse and station.]

The present clubhouse at 1240 S. Washington St. was built by members in 1954. :"[Doc Spike] is particularly interested in finding the where-abouts of Mrs. Dow (Winnifred) Williams, who, as an early member of the club, was the first woman amateur radio operator in the country. I believe she now lives in Alaska..." " The club has stockpiled a plet of old equipment for eventual use in a museum and me bers are adding another large room to their headquart for just such a purpose. How is the project going? 'We on it, then we run out of money and stop, and then we on it more,' Doc Spike explained. [Still a project in progress] Much of the equipment to be displayed was also shown at the recent Western Washington Fair." [Soun familiar?]

A photograph taken in 1917 shows the members of the newly formed Tacoma Radio Club surrounding their o cers. As Al pointed out they looked so young! . They lo like a senior class of boys' school or pledges in a frater all solemnly dressed up with coats and ties.

"The radio club held its first meetin on Oct. 20, 1916..."

Even in 1936 in the ARRL's 200 Meters & Down by Cl B. DeSoto, "The typical radio amateur of 1936 is a you man 25 years of age...." In 1936, as a 17-year-old, I th 25 was pretty old. Now, we are happy to get younger m bers who are only in their 50's or early 60's!

The Tribune article pointed out that the Club's first pi dent was Howard Reichert. Doc Spike went on to be pi dent and a very influential in the club. The Museum u his memorial call, W7OS. Some of his early equipment notably a one tube transmitter laid out on a bread boa with a copper tubing coil and tuning "condenser", and sibly his National SW-3 regenerative t.r.f. receiver.

The Museum needs some of you members, young or ol help re-organize the Museum, to sort, research and la equipment. Also, Al would like to see the old Spark T mitter again assembled and tested on-the-air... of cou some remote location with a fast getaway car standing Any Volunteers??

New Ham KD7UBI Says Thanks!

I'd like to thank Jerry, John, Doug, Jill, Karol (Or Carol), the resident Red-green look a-like Rich and all the other wonderful teachers of RTC. I now have my license KD7UBI. Passed with 89%. (I wish I did better but it don't matter now.) There were several people there. One from the military base and several people of all ages. I am very happy to have been with you all. Your sense of humor kept me going.

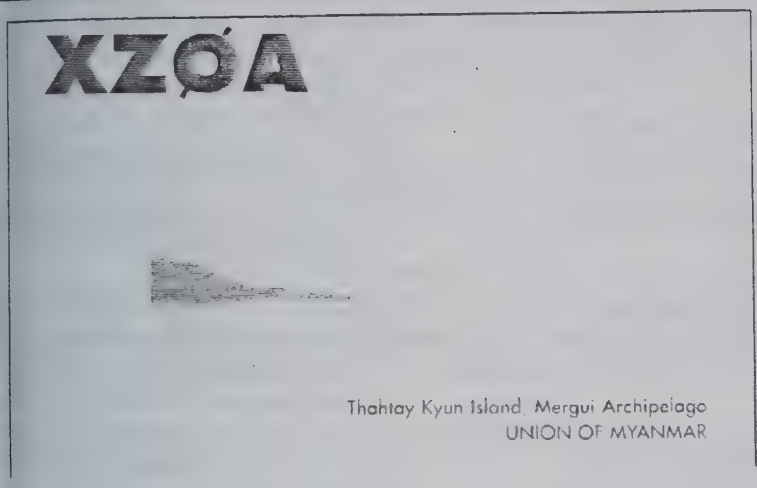
I was so anxious to get my license that I missed 5. I ar very happy with what happened afterwards. On the fo ing Saturday at the club house was "North American party." On the first day I got a chance to work on the Rig upstairs. My furthest contact was South America. Makes me want to get my code, and my General licens am not a member of the club but will be shortly.

(Continued on p

Special Club Activity Day Last Saturday Each Month

The last Saturday of each month is designated as a special club activities day with a mini swap meet and lunch provided by the club. One of the primary purposes is to allow new members to become acquainted with other memb s. the club equipment. and find Elmers. Bring your ques on problems. equipment, manuals, antennas. and even r a lations. Many knowledgeable and talented people wa to help you.

QSL Card of the Month



Thahtay Kyun Island, Mergui Archipelago
UNION OF MYANMAR

The Union of Myanmar, formerly known as Burma, is an ancient Asian country with a population of approximately 48 million.

This beautiful and still unspoiled land occupies the Eastern portion of the Bay of Bengal and the Andaman Sea. Situated between Thailand, Laos, China, India and Bangladesh, this is the largest nation in Southeast Asia. Yangon, its capital, has more than four million people and is known for its many golden pagodas.

For more than three decades, contact with the Union of Myanmar was very limited, with virtually no amateur radio activity. With the approval of Secretary-1 and the members of the State Peace and Development Council, several large-scale operations during the years 1995 through 1998 have been allowed and the dream of readily available contacts from the Union of Myanmar is rapidly becoming a reality.

In the four weeks of the XZ0A DXpedition, close to 80,000 contacts were made on CW, SSB, RTTY, SSTV, and a number of other modes. In the near future, amateur radio may once again take the message of a welcoming and hospitable people far beyond their own borders with the establishment of a permanent amateur radio service. For this operation, our location in the Mergui Archipelago on Thahtay Kyun Island, formerly known as Pulau Ru, has been assigned the IOTA designation of AS-144, the first from this country.

OPERATING TIP OF THE MONTH

FCC rules require that you only have to give your call sign to identify. It is not necessary to say the other station's call sign. You must identify your call sign every ten minutes or when signing off from a QSO. So the only time you are required to give the other station's call sign is when you are initially calling a station. Following these procedures saves a lot of useless on the air talking.

(Continued from page 13)

Thanks to the General class Control operator that allowed me to use the HF Rig and Doug, Bob, and the others who were the control operators on the 2nd day when I did the VHF/UHF side of the party.

I thank the Radio Club of Tacoma for helping me realize that it is not that hard to be a Amateur radio operator. I used to be a CBer a long time ago but that is in the past and I'd rather not go back to that.

I also thank Jim for allowing me to use his radio in his truck to make my first contact KD7UAA whom I am sending a QSO Card to with my thanks. I am going to get my 5wpm next then my General license by the end of this year. I hope.

Again I'd like to thank all those who helped me earn my Tech license and I hope to see you all on the air. I will be hanging mostly on 147.280 and monitoring 147.380 and 145.330 repeaters. Along with the UHF being set to the UHF repeater.

Thank you all and 73, David KD7UBI

Experience ATV at the RCT Clubhouse February 15th

February 15th is the date to mark on your calendar to learn about and practice the techniques of Amateur Television! Steve KD7QYT is the contact person and plans are in the works for a fun time. Anyone who is interested in this mode of operating is welcome to attend. Listen for more details on the 2-meter Tuesday night net or call KD7QYT on the W7DK repeater. This promises to be a very interesting experience so don't miss out!

Challenge!

CHALLENGE OF THE MONTH FOR FEBRUARY

FEBRUARY'S CHALLENGE: Two resistors are in series across a five-volt battery. One resistor is two ohms, and the other is dissipating two watts. What is the current flow in the circuit?

(January's Challenge Answer on Page 16)

MEMBERSHIPS

Please note that we've included a membership application in this month's Bark. This will be helpful if you need one or if you know someone who would like to join the club. Our membership chair, Scott, NF7Y is getting a new email address soon.

NEW MEMBERS

Paul Goodwin NOCALL RCT 2152
12637 123 Ve SE
Rainier, WA 98576-9504
Phone 360-446-3236
Email pmgoodwin77@yahoo.com

Denise Tjelde KD7TCP RCT 2153
502 103rd St S
Tacoma, WA 98444-1583
Phone 253-536-6387

Judson Morris III KD7QYU RCT 2154
2023 S 8th St
Tacoma, WA 98405
Phone 253-620-7764
Email kd7qyu@aol.com

James Swanson KD7TJE RCT 2155
2911 282nd St Ct East
Spanaway, WA 98387-9529
Phone 253-846-8724

Rodney Saucedo KD7SXZ RCT 2156
11404 SE 180th Pl
Renton, WA 98055
Phone 253-222-8102

Garry Horst KD7SXU RCT 2157
P.O. Box 322
Kapowsin, WA 98344
Phone 253-847-8048
(Note: please send your email address to our membership chair.)

Raymond Pier KD7TQP RCT 2158
2107 SW 318th Pl # D
Federal Way, WA 98023
Phone 253-838-4897
Email rayraysemail@attbi.com

Patricia Wingerter KD7TRC RCT 2159
1602 N 8th St
Tacoma, WA 98403-1014
Phone 253-274-8657
Email pwingerter@harbornet.com

Harry Hudson NOCALL RCT 2160
1715 SW 354th Place
Federal Way, WA 98023
Phone 253-927-0608
Email hwh1@aol.com

Steven Blackstien NOCALL RCT 2161
19009 10th Ave Ct E
Spanaway, WA 98387
Phone 253-847-9884

Reinstatement

Gary Mc Adams WG7X RCT 1249
11405 88th Ave Ct SW
Lakewood, WA 98498-4109
Phone 253-984-1554
Email wg7x@arrl.net

New Email Address

Michael Delaney KD7NUV kd7nuvmickey@tacomaclick.net

Silent Key

Edward J Holloway KA7INX
1/18/2003

Welcome to all New Members!

In Remembran

In Memory of KA7IN

Jan 20, 2003: Hello to the Radi Club of Tacoma,

I am a long time neighbor of Ed loway, KA7INX. I learned this morning that Ed passed away, heart attack Saturday. I under also, that per his wishes, there simple cremation and no memo

Ed was an inspiration to me an very helpful to me as I got my te license just last summer. He w fixture in our neighborhood -- t kind of neighbors one doesn't fi much of any more.

Please pass the word -- there is fewer signal coming off McKinl Hill now.

de Chris Skilton, KD7SCX

KA7INX, Edward J. Holloway
3561 E Spokane, Tacoma

21 Nov 1921 - 17 Jan 2003

All of us at the Radio Club of coma extend our deepest sym thies to Ed's family. He will missed.

HAMFEST 2003 MEETING PLA

The first planning meeting for the 2003 Hamfest will be on Thursda February 20, 2003 at the clubhou 7 p.m.

ANYONE who is interested in taki part is invited to attend.

Frank, AC7JY is 2003 Hamfest C

All interested volunteers, please attend

Sunshine & Congrats

If you know anyone in the club who could use a word of cheer, con gratulations or condolences, please contact Jill Palmer, K7JIL. 25 539-7772 or e-mail hamtalker2@msn.com

Operating Party Challenge by John AC7LK

By the time this issue is published, the club will have seen three successful operating parties. Of these, two were sponsored by new members with predominately Technician class licenses. The February party is also Technician class sponsored and the March party in the talking stages is the same.

So, what's the deal? We need some OM's and XYL's to get active and share their interest in the club and its equipment.

The ATV,SSTV and new VHF-UHF station should be in operation by now and I can think of lots if interesting and challenging activities.

I need a sponsor for an April operating party and am looking forward to hearing from someone from the "old school."

I am also looking for individuals with an interest in forming a W7DK contesting club, a satellite club and organizing a VHF sideband net.

Please contact me with your ideas. We will make it happen.

NEWS BITS:

Kids Day at the Clubhouse

wasn't publicized but on January 4th, two kids were with their dads at the clubhouse and got set up operating the radio upstairs.

Yvonne, age 10, and Evan, age 5, both made their first Kids Day contact with "Bob" in Helena Montana

Both of these kids took to the radio like naturals. Evan spoke right up and Yvonne, though somewhat hesitant in the beginning, eventually put the headphones on after yelling out "I can't hear!" when the conversations in the room around her got distractive. She surprised all who saw her with her radio operating capabilities and was swamped with calls. At one point she remarked "I'm loaded!" It was fun to watch the kids in action - Good work!

Best Friend of "spindoctor Todd" (our Community Connections columnist) Wins This Year's ARRL Media Award. from Todd, KD7NPT: *This year's ARRL media award was given to my best friend and college chum, Greg Schieferstein. He is the news director at KPAX-TV in Missoula, Montana. He is not a ham, but has done a few stories about hams in his area.* 73, Todd-KD7NPT

KPAX wins national Journalism Award!

NEWINGTON, CT, Jan 23, 2003--The ARRL 2002 Bill Leonard, W2SKE, Professional Media Award honors a group project. The winners are Assistant News Director Jill Valley and News Director Greg Schieferstein of KPAX-TV in Missoula, Montana. The Leonard award is given annually to a professional journalist (or group) for outstanding coverage of Amateur Radio in TV, radio, print or multimedia. The winners will receive an engraved plaque and a check for $500.

KPAX-TV's winning submission was a news segment featuring Jenna Rettenmayer, KD7MAD, a Missoula high school senior on the air making a moonbounce (EME) contact. Rettenmayer decided to get her Amateur Radio license as her senior project.

Members of the ARRL's Public Relations Committee, who judge the nominations each year, said they were especially impressed with the KPAX-TV piece. Not only did it feature a young woman who is interested in Amateur Radio, it captured a moonbounce contact--a communication mode that's outside the mainstream of typical hamming.

Nine other nominations were received for the 2002 award.

In Amateur Radio circles, Bill Leonard is perhaps best remembered for his 1958 contribution to *Sports Illustrated*, "The Battle of the Hams," which describes the "sport of DXing." In November of 1996, Leonard was inducted into the *Broadcasting and Cable* Hall of Fame. Leonard died in 1994.

Nominations are now being accepted for the 2003 Bill Leonard, W2SKE, Professional Media Award. Entry deadline is December 5, 2003. For more information, contact ARRL Manager of Media Relations Jennifer Hagy, jhagy@arrl.org; 860-594-0328. (Article from ARRL Web page)

Radio Equipment Stolen from Walker Mtn includes 146 Mhz radio. Alinco model DR-112T s/n 0002426; 223 MHz radio Alinco model DR-235T s/n T101539; 2 Terminal Node controllers: MFJ model 1270C s/n 01032739 X1-J4 firmware, callsign W7SLA-11: s/n 01032828 X1-J4 firmware. callsign W7SLA-1; 12 volt power supply Astron model 20M marked with "W7ZQD" engraved on bottom: antenna duplexer Comet model 4160: RF filer DCI. model 145-2H. Contact W7ZQD. Joe Brown at joeb@clipper.net

JANUARY'S CHALLENGE ANSWER

THE CHALLENGE OF THE MONTH FOR JANUARY WAS: "Twelve one ohm resistors are arranged into a three dimensional cube with one resistor on each side. What is the resistance between diagonal corners on one face?"

JANUARY'S ANSWER: 3/4 ohm. Redraw the cicuit in two dimensions, eliminate the resistors that form a balanced bridge, and solve for the parallel branches.



Resistors all 1 ohm each.

$R_{a,b} = ?$

News from the ARRL by Jerry W7BUN

HIGH SPEED MULTIMEDIA HAMMING COULD BE THE NEXT BIG THING

High-speed multimedia hamming via the "Hinternet" could be the next big thing for Amateur Radio. That's the hope of the ARRL High Speed Multimedia (HSMM) Working Group, which is adapting the highly popular IEEE 802.11b Part 15 wireless Internet protocol to Part 97 amateur operating.

"We expect it to be nothing less than revolutionary!" says John Champa, K8OCL, who chairs the ARRL HSMM Working Group--a subset of the League's Technology Task Force. The Working Group's new "High-Speed Digital Networks and Multimedia" page recently premiered on the ARRL Web site.

Champa's team is calling the specific techniques, software and hardware involved "the ARRL 802.11b protocol" to distinguish it from the unlicensed, commercial protocol. Systems employ direct-sequence spread spectrum techniques and operate in the 2.4 GHz range. The term "Hinternet" (ham + Internet), Champa says, is a user-friendly way to refer to the development of high-speed Radio Local Area Networks (RLANs) capable of simultaneously carrying audio, video and data signals.

"The development of the ARRL 802.11b protocol will significantly enhance Amateur Radio, especially with respect to emergency communication and support of public service activities," Champa predicted. He and his HSMM Working Group colleagues also expect that it will attract many technically oriented users of the Internet and wireless LANs to get their amateur tickets.

In addition to emergency communication, Hinternet applications could include two-way streaming video, full-duplex streaming audio, Voice over Internet Protocol (VoIP) applications such as eQSO, EchoLink, iLink and IRLP, and digital voice. As on the wired Internet, communication can be point-to-point, point-to-multipoint and multicast at high bandwidth.

"An emergency volunteer equipped with a laptop or a wireless PDA (personal digital assistant) with a microphone and a small video camera now has the tools to be a mobile set of eyes and ears in the midst of a communications emergency," says Working Group member Kris Mraz, N5KM.

In Michigan, the Livingston County HSMM Experimenters Team already has three HSMM access points--called "APs" in the commercial world--and about a dozen stations on the air centered on 2437 MHz. Another group of Amateur Radio 802.11b enthusiasts has recently organized in the San Antonio, Texas, area.

Although other amateur allocations also would be appropriate for Hinternet operation, the use of 2.4 GHz was an easy choice, since Part 15 WiFi (wireless fidelity) devices already operate in that part of the spectrum, and inexpensive commercial equipment is widely available. Acting on an ARRL petition, the FCC has proposed elevating amateurs to primary at 2400 to 2402 MHz.

The ARRL publications catalog now includes the book 80 Wireless Networks: The Definitive Guide by Matthew S. The book covers the topics of creating and administering less networks.

Champa says that taken in a nationwide context, the me of the term Hinternet goes deeper than just an amalgam of words. "In nautical terms the word hinterland is 'the l beyond the coast,'" he said. "And so it is with us. 'The Hi net' is the radio net beyond the Internet."

2002 A GROWTH YEAR FOR ARRL CONTES

The year 2002 was a banner year for ARRL's Contesting Branch. Manager Dan Henderson, N1ND, reports a reco number of total entries for ARRL-sponsored operating ev

"The total of 18,817 beats 2001's 18,505, a nearly 1.7 percent increase!" Henderson said. Despite th downward slope of Cycle 23, the 2002 ARRL 10-Meter Co saw a more than 18 percent jump in log submiss over the previous year, he added, even as logs co ued to arrive.

Pictures of the RCT **January 2003 VHF testing** at the clubhouse are online at http://www.thecabal.org/~bubba/rct/index

"Activity is up across the board for almost all co tests, and I think we would have seen more tha 19,000 logs returned," Henderson said, "but the Radiosport Team Championships (WRTC 2002) Finland last July affected numbers for the IARU World Championships, as several hundred of th world's top contest operators were there." Hende notes that since WRTC 2002 used slightly differ rules, the logs from those operators could not be tered in the IARU event, which ARRL administe

The 2002 ARRL 10-Meter Contest, proved to be record-se in several ways. According to Henderson, not only was th December 14-15, 2002, operating event the most active 1 meter contest on record, it had the single highest numbe participants returning logs of any single contest in Leagu history. As of January 16, the Contest Branch had logge entries and was still counting. "That's the very first time single-weekend ARRL contest has topped the 3000 mark entries," Henderson said.

Other ARRL operating events that also saw increased nu bers of logs over 2001 were Straight Key Night, up 22 pe the ARRL 160-Meter Contest--a CW event--up 19 percen ARRL 10 GHz and Up Contest, up 11 percent; and ARRL Day, up by one-half of one percent. For the first time eve 160-meter event topped 900 entries.

ARRL November Sweepstakes entries jumped between t and three percent for the CW and SSB weekends in 2002 derson said. Entries received for the ARRL international Contest remained approximately level for each mode last as did submissions for the ARRL's four major VHF-UHF events in 2002.

(Continued on

(Continued from page 17)

Henderson said the move to require Cabrillo-format electronic logs has proved a major boon to the Contest Branch. The elimination of most annual log entry has moved up the posting of contest results by about a month, he said. He said he expected the Contest Branch would be fine tuning electronic log-processing during 2003.

Rules for all ARRL-sponsored operating events are available on the ARRL Web site

NEW LEAGUE BROCHURE TARGETS KIDS

A colorful, new, kid-tested ham radio brochure is available from ARRL Headquarters. "Leap into Amateur Radio" aims at an elementary school audience and introduces youngsters to the hobby.

"Amateur Radio is an exciting hobby that lets you meet new people of all ages--and have a great time!" the full-color, tri-fold flier emphasizes. "Getting started is easy!"

Field and Educational Support Team Leader Mary Lau, N1VH, headed the team that produced the flier. She cited two objectives in its design. "There was a desire to specifically target 8 to 11 year olds," she said, "as well as the need to supply a youth-oriented handout to replace the Archie's Ham Radio Adventure comic book that is no longer published."

The brochure is comprised of colorful graphics, photos of kids operating and several boxes of basic text explaining what Amateur Radio is and does. There's also space on the back for local clubs or organizations to affix their contact information, so that children and their families can get more information about the hobby. The back panel also includes a blurb about ARRL and gives its e-mail address.

On the "What is Amateur Radio" page right inside the tri-fold brochure is a brief explanation of what Amateur Radio is. "Anyone can be a ham--no matter what age, sex or physical ability," the flier points out. Accompanying the text are photos of youngsters--a boy and a girl--on the air. Fully open, the flier presents four capsules of information about Amateur Radio:

* How ham radio and wireless technologies fit into lives that include cell phones and the Internet.

* The several modes hams use to communicate with each other--including voice, computer, and even telegraph key.

* The various types of operating activities available--including public service and the Amateur Radio on the International Space Station (ARISS) program.

* How simple it is to get started in Amateur Radio and whom to contact.

Assisting the in the project were ARRL Educational Program Coordinator Jean Wolfgang, WB3IOS; Educational Correspondent Marjorie Bourgoin, KB1DCO, and Field and Educational Services Assistant Linda Mullally, KB1HSV.

After assembling the material for the flier and putting together a prototype, Lau and her staff got the brochure into the hands of a number of area youngsters for some product testing. The children offered a few ideas to make the handout even more appealing, she said. Arizona-based graphic artist Cameo Hill did the final layout and design.

"Leap into Amateur Radio" will become available in mid-February--free of charge and in limited quantities of up to 25 fliers--to any Amateur Radio operator or amateur club. Lau said the only cost will be for shipping. The brochure is now available as an Acrobat PDF file via the ARRL Web site. To order copies of the brochure, interested clubs or individuals should contact Linda Mullally, KB1HSV, 860-594-0292.

AMATEUR RADIO EMERGENCY COMMUNICATIONS TRAINING ON TARGET

The ARRL's Amateur Radio Emergency Communications training effort is right on target. Emergency Communications Course Manager Dan Miller, K3UFG, says that as of January 17, 661 students had completed the Level I emergency communications on-line course (EC-001) under the Corporation for National and Community Service (CNCS) federal grant. Enrollment for the grant-funded classes stands at 1277.

The nearly $182,000 federal grant, announced last July, will subsidize online training for up to 1700 amateur licensees during its first year. The CNCS grant permits students successfully completing the Level I program to be reimbursed for the cost of tuition.

Miller says another 200 students registered this month and will begin classes January 21. "Interest in the on-line classes remains high," Miller said. "Registration for this month's classes filled within the first few hours, leaving many potential students frustrated."

The good news, Miller says, is that there's still plenty of room in future classes to allow interested amateurs to take advantage of the program. Senior hams are encouraged to enroll in these classes.

The ARRL Certification and Continuing Education Web page has additional information.

FCC SEEKS COMMENTS ON WRC-03 DRAFT PROPOSALS

The FCC is seeking comments on draft recommendations that the World Radiocommunication Conference Advisory Committee (WRC-03 Advisory Committee) adopted January 8. The FCC established the WRC-03 Advisory Committee in January 2001 to assist the agency in developing WRC-03 proposals.

"Based upon our initial review of the recommendations forwarded to the Commission," the FCC said this week in a Public Notice, "the International Bureau, in coordination with other Commission Bureaus and Offices, tentatively concludes that we can generally support the proposals recommended by the WRC-03 Advisory Committee."

"The draft proposals attached to this Public Notice may evolve as we approach WRC-03 and during the course of interagency discussions," the FCC said. "Therefore, they do not constitute the final national position on these issues."

Complete texts of draft proposals are available via the FCC's WRC-03 Web site. Interested parties may file comments via e-mail to wrc03@fcc.gov. WRC-03 takes place in Geneva, Switzerland, from June 9 until July 4, 2003.

RADIO CLUB OF TACOMA
PO BOX 11188
TACOMA, WA 98411-0188

[ ] NEW MEMBER (ONE APPLICATION PER MEMBER)

[ ] RENEWAL (ONE RENEWAL FORM PER FAMILY OK)

MEMBER CATEGORY: [ ] FULL [ ] SENIOR [ ] ASSOCIATE [ ] FAMILY [ ] LIFE [ ] STUDENT [ ] REINSTATEMENT

Name_____ Call_____ Class_____ Birthday_____

Address_____City/State_____

Zip+4_____Home Phone(____)_____ Work Phone(____)_____

e-mail address_____Publish phone number/e-mail in the Club Roster? Yes

Former Call(s)_____

Are you a Volunteer Examiner ? Yes [ ] No [ ] If Yes, which VEC? ARRL [ ] W5YI [ ] Other [ ]

Occupation (or former occupation)_____

Are you a member of: ARRL [ ] ARES/RACES [ ] MARS [ ]

FAMILY MEMBERS NAME, CALL, AND LICENSE CLASS (RENEWALS ONLY)

_____

_____

_____

THE RADIO CLUB PARTICIPATES AND SUPPORTS THE FOLLOWING ACTIVITIES EACH YEAR. PLEASE MARK THE BO N FRONT OF THE ACTIVITY OR ACTIVITIES THAT YOU WILL HELP SUPPORT. WE NEED YOUR HELP AND SUPPORT, PL AS **CONSIDER AT LEAST ONE ACTIVITY THAT WE CAN COUNT ON YOU TO SUPPORT. PLEASE CHECK THE FIRST BOX Y ARE EXPERIENCED OR ALREADY INVOLVED. CHECK SECOND BOX IF YOU WOULD LIKE TO LEARN MORE ABOUT T S**

[ ] [ ] DIGITAL COMMUNICATIONS	[ ] [ ] VE TEAM	[ ] [ ] EMERGENCY COMMUNICA
[ ] [ ] FIELD DAY	[ ] [ ] PUBLIC RELATIONS	[ ] [ ] CLUB NEWSLETTER
[ ] [ ] ANNUAL FLEA MARKET	[ ] [ ] TEACHING CLASSES	[ ] [ ] CONTESTS
[ ] [ ] BOOTH AT THE WWA FAIR	[ ] [ ] ANTIQUE RADIOS	[ ] [ ] VHF/UHF
[ ] [ ] WORKING WITH YOUTH GROUPS	[ ] [ ] DX	[ ] [ ] EXPERIMENTATION

Other hobbies, interests, skills:_____

Club badges are available for $9.00. If you would like a badge, please PRINT the following:

Badge Name_____ Badge Call Sign_____

Applicant's Signature_____ Date_____

ANNUAL MEMBERSHIP DUES: FULL OR ASSOCIATE MEMBER $30
FAMILY MEMBER (AT SAME ADDRESS, FIRST TWO) $15 EACH (ALL ABOVE 2 ARE
SENIOR MEMBER (65 AND OVER) $25 FULL-TIME STUDENT (UP TO AGE 25) $15
LIFE MEMBERSHIP = 20 TIMES ANNUAL DUES (PAYMENT PLAN AVAILABLE)
Seven dollars ($7.00) of your annual dues is for the Club's monthly newsletter (The Logge

FOR RCT USE ONLY

Dues received $_____ Treasurer's initials_____ Date_____

Badge fee rcvd $_____ Treasurer's initials_____ Date_____

Receipt Number_____ **Radio of Tacoma Membership Number**_____

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
P.O. Box 11188
Tacoma, WA 98411

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March, 2003 EVENTS

Happy St. Patrick's Day!

Mr 8 - Pinochle Potluck

Mr 5 - Board Meeting, 7:30 p.m. Clubhouse - All members welcome

Mr 11 - License Testing - 7 PM, Clubhouse

March 15 - Road Trip to the American Museum of Radio, Bellingham. RSVP to Rich 474-8883

Mr 12 - Club Meeting - Library Administration Center, 7:30 PM

Program: **HOW TO TUNE A GAMMA MATCH,** Dave Funk, WA7RSO

Mr 15 - BARK deadline - PLEASE *please* get articles, columns, etc. in by that time!

Mr 26 - Club Meeting - Library Administration Center, 7:30 PM

Program: **WEDNESDAY, MARCH 26TH - ENHANCED APRS** John Nason, KD7TCT

Welcome, Spring!

- upport OUR club - Attend meetings, volunteer, elmer.
- heck in to the 2-meter Net every Tuesday night at 7:30, on 147.28. Hear additional information on programs and other events.
- *heck in on the 10 Meter Net every Sunday evening, 8 PM, on 28.375 MHz USB*
- ee page 8 for meeting program schedule. Check the weekly net for updates to the program schedule.
- Ls - Check in to the YL Net on the 147.28 repeater every Monday at 8 PM.

W7DK EVENTS CALENDAR

March 2003

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1 W7DK Open House 10:00 AM - 2:00 PM ALF ANDERSON II W7ALF*
2 8:00 PM 20 Meter Net - 28.375 MHz DAN OCKEN N7LSO*	3 BUD BUSH N7HKS* Week 9	4 JONATHAN HILL KC7VUQ* 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	5 JAMES HALLIBURTON KC7ETS* RAY CARLSON W7RDZ* 7:30 PM RCT BOARD MTG	6	7 STEVE TERJESON KC7AZW* JIM STEPHENS W7CSX*	8 W7DK Open House 10:00 AM - 2:00 PM STEVEN DE PUYDT KD7FVU* LINK JACKMAN N7CEO* JAMES HUDON N7DKI * Mike and Key Hamfest 9:00 AM Puyallup Fairgrounds
9 8:00 PM 20 Meter Net - 28.375 MHz WILLIAM ADAMS KD7DOT * AL WILLIAMS K7PUC*	10 VIVIAN HUNTLEY NOCALL* RICHARD OHLS K7ITX* Week 10	11 DAN MCCONNELL AJ7K* BETTY WESTON KC7ACY* 7:00 PM RCT LICENSE EXAMS 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	12 BOB TOMPKINS KD7IBU* 7:30a 7:30 PM W7DK GENERAL MEMBERSHIP MEETING	13 PHILLIP PAILLETTE KC7JPJ*	14 BYRON KABRAN K3ROT* ROY ERNSBARGER KA7X*	15 W7DK Open House 10:00 AM - 2:00 PM JOANNE SOUTER WA4KZQ*
16 8:00 PM 20 Meter Net - 28.375 MHz JERRY CERNY JR W7JC* ERIC LANGLOW WA7GHE*	17 St. Patrick's Day Week 11	18 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	19 RANDY THOMPSEN KD7TRA*	20	21 ALBERT CARTER K5EAF* WALLY ANDERSON N7YFS*	22 W7DK Open House 10:00 AM - 2:00 PM SCOTT CLAUSEN NF7Y* PAUL SULLIVAN KC7MKL*
23 8:00 PM 20 Meter Net - 28.375 MHz HELEN ASPLUND W7WRI *	24 ROBERT NAGLEY N7AHR* Week 12	25 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	26 7:30 PM W7DK GENERAL MEMBERSHIP MEETING CHARLES KEMMER AC7QN* LUCILLE KELLY NB7T* MOREL GUYOT W6LIX *	27	28 RAY MILLER JR KC7VEP*	29 W7DK Informal Flea Market W7DK Open House 10:00 AM - 2:00 PM GLENDA ROUSE NOCALL*
30 8:00 PM 20 Meter Net - 28.375 MHz	31 Week 13					

club of tacoma radio W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

ARRL RADIO CLUB OF TACOMA W7DK

VOL. XXXX NR. 3 W7DK MARCH, 2003

From the President, Mick KK7QS

I'd like you all to take a moment to look back at all the wonderful accomplishments of the club and its membership this past year. Without all the hard work of the members none of these accomplishments could have happened.

As most of you know, each year since 1974 the club has presented The "Doc Spike" Inspirational Award to the member whose enthusiasm, devotion, and actions have done the most to promote amateur radio and to ensure the success of this club. This past year is no exception.

We put our heads together and came up with a well deserving recipient for the 2002 edition. This recipient has shown great enthusiasm to both amateur radio and to The Radio Club of Tacoma. He has spent countless hours helping new hams and getting them involved in the club and its activities. He has worked very hard to create activities to draw the interest of these new hams.

All his activity and enthusiasm has inspired many other club members to become more involved in the clubs activities. His work with the scouts and the schools has provided the club with many potential future recipients of this award. He can be found at the clubhouse on most any Saturday helping with a project or helping new hams.

For all his hard work and dedication, The Radio of Tacoma was proud to present the 2002 "Doc Spike" award to John Robson, AC7LK.

Thank you, John, for all you have done for the club.

It was my pleasure to present this award to John at the February 12th meeting with an attendance of more than 60 members and visitors.

Our attendance has been over 60 for each of the last 3 meetings. This of course is largely due to the

(President Continued on page 5)

CQ, CQ, RCT Committee Chairs

In an effort to have a club master list of all Radio Club of Tacoma committees, the Board of Directors at their February meeting agreed that John, AC7LK, will be in charge of putting together a list of all RCT committees.

A master list of all RCT committees will be compiled by AC7LK

If you are a committee chair, please let John know so your committee can be noted. Or, if you have been on a committee that is no longer active, it could be that your chairman/chairwoman has moved on, leaving the committee "unattended." If that's your case, let John know that as well.

Also, if you believe that a committee is needed to perform some function of the Radio Club of Tacoma, let John know that as well.

At the Board meeting, a preliminary list of several committees was made during discussion of the group but it's possible that the small group gathered there didn't include all committees in the club. We are sure that if we went back through the meeting minutes over the years, we'd find many committees that have been formed at one time or another. The goal is to compile a list of all committees so, if you know something to pass along to John, please do so.

AC7LK can be heard often on the W7DK repeater or send John an email at *jtrobson@uswest.net* or catch him at a club meeting.

Events and News Brief

- AC7LK awarded Doc Spike Award...story this page.
- Meeting Minutes page 4.
- "Community Connections" page 5.
- Tuesday night net checkins See page 9.
- Two Amateur Radio bills in Washington Legislature to be held off until next session. Story page 10

this Issue: AWARDS & ERTIFICATES ISSUED ige 5

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RADIO CLUB OF TACOMA – 2003

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Announcements

>>**Ladies interested** in participating in the 20-meter Fiel Day Ladies Only band, contact Carol K7ROL 253-564-8666 We need all the help we can get. Field Day is the last week d of June.

>>Radio Club of Tacoma **Hamfest 2003** needs volunteers t help out in many areas. Meetings are being scheduled now plan for the Hamfest which is in August. Contact Frank, AC7JY the Hamfest chair. *AC7JY@msn.com*

>>**Membership Renewals are Due.** March is the month get your membership renewal in if you haven't done it already.

>>**GET ON THE AIR (and stay there) !** The last Saturday o each month is designated as a special club activities day wi a mini swap meet and lunch provided by the club. One of th primary purposes is to allow new members to get to know other members, the club equipment, and find Elmers. Brin your questions, problems, equipment, manuals, antennas, a even installations. Many knowledgeable and talented peopl want to help you.

>>**The Elmer Board** is published for a reason-use it or vol unteer.

Quote of the Month: *"There's a reason why we're called amateurs"*

Keep reading t issue - you'll fi out who said th

CLUB MEETINGS: 7:30 PM 2nd & 4th Wednesdays of each month at the Pierce County Library Administration Building, 3005 - 112th Street East, Tacoma, WA

W7DK/Radio Club of Tacoma

147.28 / .88 MHz

147.38 / .98 MHz (PL° 103.5)

144.97 - Packet

440.625 / 445.625 (PL° 103.5)

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 253-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to lmartek@cs.com or mail to Lynnette Martek, KD7BVO, 308 118th Ave. Ct. E., Edgewood, WA 98372. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. *The Logger's Bark* does not verify or guarantee statements in the Swap or Wa columns. Permission is granted to use any or all portions of art published in *The Logger's Bark* if credit line is included in the rep

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The Radio Club of Tacoma is a non profit organization as define law, and all proceeds will be used exclusively for charitable and cational purposes.

Radio Club of Tacoma Meeting Minutes

adio Club of Tacoma Board Meeting February 5, 2003

lick, KK7QS, opened the meeting at :35 PM.

linutes: The December Board meeting inutes were approved as written.

orrespondence: Membership renews, bank statements, broadband bill, ewsletter, and address correction.

reasurer: The report is in the Bark

ommittee Reports: Frank, AC7JY, ported that the Hamfest is moving head.

here is a committee meeting planned r February 20, 2003. Flyers are aady being distributed.

erry, W7BUN, Field Day Chairman, quested that we purchase some new ax. MSP to purchase a 500 ft roll, 0 feet for Field Day and 200feet for placing coax in the clubhouse.

ynette, KD7BVO, Bark Editor, rested that she be given the newsletrs that come in. She will review them d let Jerry review them for program eas, then they will be available at the lubhouse.

erry, reporting for the Scholarship ommittee. He will chair it to get it arted. A discussion was held on the nds for it.

erry, reporting on training, stated a ed for more people to help on Friday clean the rooms for the weekend ass.

discussion was held about club comittees. Mick requested some help on entifying committees. John, AC7LK, lunteered the Planning Committee make recommendations on what mmittees were needed other that the anding committees.

like, KB7ZDR, presented this prosal for Equipment Donations:

oposal for handling donations to 7DK By Michael Compton, KB7ZDR:

As donations are brought in or cked up a handwritten receipt is given to the donor listing items donated and the donor receives a copy and a copy is retained by the person accepting the donation. A standard form is used. Copies of the form will be available at the clubhouse so that anyone can accept a donation. The club copy will be given to the Equipment Committee.

2. An Equipment Committee will be formed consisting of 3 people to triage the donations, keep it for club use, sell it or throw it away, or save to plan for future use.

3. Items that are worth keeping or that we are unsure about are offered for inspection to other committees of the club (museum, repeater, hf station, etc.) to see if they can use the item. If they have a use for the item, it is transferred to their equipment list. I suggest it be signed for and a list maintained of each committee's assets to track the club's inventory. After transfer, the Donation Committee is no longer responsible for the item.

4. Items the club doesn't need will be offered each month at the clubhouse swap meet. This will encourage more club members to participate in club activities and give club members first choice at the items to be sold. The price will be determined by the same Equipment Committee that originally triaged the donations. Some items will be put on the "Free" table. Sealed bids will be taken on the more valuable items with a minimum bid listed. Bidders will write their name and call with the price they are willing to pay and the bids will be opened at 2 PM that day. This will prevent the first person through the door from getting all the good stuff. Other items can be priced or "best offer" placed on them.

Note: I suggest the receipt forms have a disclaimer stating that the donation is now the club property and that we will dispose of it as we see fit. This will prevent the problem arising of someone donating something that we don't need and then not understanding the club has the option to sell it.

MSP to adopt it. Mike also volunteered to head the Donation Committee.

A discussion was held on possibly changing the door locks. Maybe a keyless system would be in order. Mick, KK7QS, will check on it. Also discussed was what to put back on the classroom walls. Rich, N7ANF, talked about the basement. It was decided that the House and Grounds Committee would be the appropriate people to deal with it. John, AC7LK, George, KK7FM, and Al, K7HW, will work on getting the Packet station back on the air and making it more reliable.

Station Engineer's Report by Nick, WA7IVO: The repeater racks are installed and the repeater move should be finished in about six weeks. MSP to increase the Station Engineer's budget by $250 to purchase a new repeater controller.

Present: Mick, KK7QS; Ed, KC7OKS; Rich, N7ANF; Roger, WA7ANJ; Gary, W7DO; John, AC7LK; Jill, K7JIL; Frank, AC7JY; and George, KK7FM.

Visitors: Jerry, W7BUN; Lynette, KD7BVO; Nick, WA7IVO; Dick, K7ITX; Chris, KD7SYF; Al, K7HW; Mike, KB7ZDR; and Roddney, KD7SXZ

The meeting was adjourned at 9:35 PM.

Respectfully submitted,

Ed Root, KC7OKS, Secretary

Radio Club of Tacoma

General Membership Meeting
February 12, 2003

Meeting opened at 7:30 p.m. with the flag salute led by Mick, KK7QS.

Introductions were made around the room.

Illness or Silent Key: Mack, W6NBD, still in the nursing home. Wade, WA7OHG, feeling a little under the weather.

Correspondence: World Radio newsletter, Antique newsletter, membership forms, and address corrections.

(Minutes Continued on page 9)

Radio Club of Tacoma Awards & Certificates Issued

First Contact Certificate

From John AC7WW

To Paul KD7UBO

First Contact Certificate

From Mick KK7QS

To Jessica KD7PJU

Logger's Certificate

Steve, KC7QFG with 20 endorsement

AC7LK Awarded The 2002 Doc Spike Award for service and dedication of the club. Congratulations, John!

Community Connections

by Todd KD7NPT

Wow! We're on our third installment of what has become known as "Community Connections." Our column officially has a name. Our club is out there in a lot of ways, so let's keep those ideas coming!

This month, Gary McAdams, WG7X, submits an interesting project he has been asked to spearhead. The RCT Board, has asked Gary to head up an Emergency Action Committee/Net. The purpose of this net will be to experiment with methods of communicating locally that go beyond the typical 2 meter FM repeater operations.

He will have a small group of club members who have agreed to meet with him on the air to experiment with other bands and modes to see what works best for local communications. The involved members are: Gino Moroni- KD7RWT, Garry Horst-KD7SXU, Dick Ohls, K7ITX, Paul Jones-AC7UJ and Ed Root-KC7OKS. Their initial tryout was Friday, Febuary 21st at 19:00 local on 147.570 MHz.

At this point, they're just getting started, and when they have determined which band and mode will be primary, they will announce it to the membership at large, probably through the "Loggers Bark" or on the Tuesday night net.

Gary and his group want to try to get more of the Technician class club members involved in this, and it may mean that they have to spend a little time an/or hard-earned cash to buy some equipment! Eventually, some of ther will upgrade to General or above and they will then be able to join in some the already existing HF nets, such as the RCT Sunday night 10 meter net.

Let's keep those ideas flowing for thi column. Thank you all, who have turned this into a great way to talk about the ways we help our commun through amateur radio. Keep the ide coming to spindoctor-todd@earthlink.net!

73, Todd Kelley

(President Continued from page 2)

interesting programs being scheduled by our program chairman Jerry Seligman, W7BUN.

We have had programs like "How to build a screwdriver antenna for under $25.00. We have had a "Show and Tell". These programs that have member participation seem to draw larger crowds.

If you have any ideas or special talents call Jerry and see if you ca help with a program. The more member participation we have the more interest we draw. Please help us keep our attendance above 6

It's great.

"73" de Mick / kk7qs.

FIRST CONTACT AWARD

There is a certificate that can be given to new hams for their first on the air contact. Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jerr at 845-7652 and provide that information along with the date of the contact, and a First Contact Award will be issued.

ARES/RACES BY SHIRLEY MURPHY, N7QHW

hirley, N7QHW, is on vacation. The following nformation was provided by Mark Yordy, W7BBO n response to requests for the information on emer- ency frequencies in the area.

/SEN Washington State Emergency Net leets every Monday at 1830 PST and Saturday 900 PST on the primary freq of 3985 kHz. and econdary freq of 7245 kHz.

ierce County ARES Net meets every Tuesday t 1900 PST on the linked freqs of WC7AAO 45.370/r ctcss 136.5 and KE7LE 442.450/r tcss 103.5.

isitors are welcome.

ack-up repeater is the KB7CNN linked system 146.640, 444.750, 1292.400 MHz.

one simplex freqs;
one 1. 146.560 MHz.
one 2. 146.460 MHz.
ones 3-4 145.530 MHz.
one 5. 146.440 MHz.
one 6. 146.580 MHz.

There are some people who live in a dream world, nd there are some who face reality; and then ere are those who turn one into the other."
ouglas Everett

Pierce County Phone Numbers:

Pierce County Emergency Coordinator: Mark Yordy, W7BBO 253-857-5123;w7bbo@juno.com.

Assistant Emergency Coordinator/Zone 1 Manager: Rollo Van Slyke, N7JQ 360-876-2803; rollo@worldfront.com

Assistant Emergency Coordinators/ Anderson Island Managers: John Mollan, AE7P and Donna Mollan, WB7FDE. John and Donna can be reached at 253-884-1679; ae7p@arrl.net.

Net Manager for Pierce County Amateur Radio Communications Services nets: Rich Heasty, KK7VH 360-897-6576; rheasty@wolfenet.net

Membership Applications and Roster Maintenance: Shirley Murphy, N7QHW 253-265-3661; sundancealso@harbornet.com

Special Events Manager: Judy LaFleur, N7NII 253-847-5198

Medical Services Manager: Pat Nicholson N7WGR 253-864-6589; patn0011@earthlink.net

Emergency Communications Emergency Response Team lead: Mario Badua, KD6ILO 253-952-5880; kd6ilo@arrl.net

perating Tip of the Month with an Explanation:
"WHITE NOISE"? By John, AC7LK

e all hear the term of "white noise" used regularly on our peater and on fm simplex communications and some of us ave become aware of the shrugging and cringing of certain nnamed members of our club every time they hear the rm *white noise* used to describe the noise accompanying a eak received signal in an fm broadcast. The purpose of is article is to investigate the source of noise and its cor- ct nomenclature.

he terms *white noise* and *pink noise* have come to be asso- ated with the function of either masking or covering an nwanted noise, such as traffic or snoring, or providing pri- cy in an office or other area by injecting noise. Neither nk noise or white noise is the appropriate term for such e. Pink and white noises are types of electrical or acoustic nergy, generated for the purpose of making electrical or oustic measurements.

pecifically, white noise is a noise that has equal energy r frequency. Pink noise is a noise that has equal energy per octave. Human hearing responds in a logarithmic manner. Pink noise sounds to the human ear as if all frequencies present are of equal level. White noise is perceived as if the high frequencies are loudest.

Analogous to white light, white noise contains equal amounts of all audible frequencies. Pink noise is completed by passing white noise through a filter, resulting in a noise sounding less bright and richer in low frequencies, to the human ear.

For the repeater usage, white noise is used to describe a broadband noise generated in the receivers detector and sampled in order to control the receivers squelch. It has nothing to do with the scratchy sounds of a noisy and hard-to-understand received fm transmission.

So what do we hear? The noise on the radio is a mixture of man-made noise, atmospheric noise and receiver noise. On

(White Noise Continued on page 11)

March Contests

Mar 1-2: ARRL International DX Contest--Phone--0000Z Mar 1-2400Z Mar 2 (see Dec *QST*, p 95). See Box

DARC 10-Meter Digital "Corona"-RTTY/AMTOR/PACTOR/PSK31/Clover (see Nov *QST*, p 102).



Mar 4: Spartan Sprint--CW--sponsored by the Adventure Radio Society from 0200Z-0400Z Mar 4 (Monday evening in the US). 3.560, 7.040, 14.060, 21.060, 28.060 (QRP calling frequencies).

Mar 8-9: UBA Spring Contest--CW--from 0700Z-1100Z Mar 9 (see Jan *QST*, p 97).

Wisconsin QSO party CW & phone.

North American RTTY Sprint, sponsored by *NCJ* from 0000Z-0400Z Mar 9. 80-20 meters.

Mar 15-17: 10-10 Mobile Contest-any mode-sponsored by 10-10 International, from 0000Z - 2359Z Mar 15. 10-meters only.

BARTG Spring RTTY Contest--sponsored by the British Amateur Radio Teledata Group from 0200Z Mar 15-0200Z Mar 17. 80-10 meters.

Russian DX Contest--CW/SSB--from 1200Z Mar 15-1200Z Mar 16. 160-10 meters.

Virginia QSO Party--Phone/CW.

Montana QSO Party--Phone/CW/Digital.

YL International Single Sideband System QSO Party--Phone (see Feb *QST*, p 103).

Mar 22-23: Oklahoma QSO Party--Phone/CW/Digital.

CLARA and Family HF Contest--Phone/CW--sponsored by the Canadian Ladies ARA, from 1700Z Mar 22-1700Z Mar 23.

If you have contest results from your station, please send them along to the Bark Editor so we can report on our members' activities!

Mar 24: Spring QRP Homebrewer Sprint--CW/PSK31

Mar 29-30: CQ WW SSB WPX Contest--SSB--160-10 meters.

UPGRADE YOUR LICENSE!

RCT VE TESTING

EVERY SECOND TUESDAY OF THE MONTH

AT THE CLUBHOUSE AT 7 P.M.

Anyone wanting to take any element of the amateur radio tests is welcome - no reservations needed.

W7DK calls for contesters

Contesting with W7DK at the Clubhouse - March 1st afternoon and evening. Club goal is 100 DX qsl cards to decorate the clubhouse wall!

Please join us!

Pacific NW Hamfests

- **Mike and Key Amateur Radio Club 22nd ELECTRONICS SHOW AND FLEAMARKET;** Saturday, March 8, 2003 PAVILION EXHIBITION HALL

  Western Washington Fairgrounds Puyallup

- *RCT Hamfest is August 16th in Spanaway. AC7JY, Chair*

Mini-Swap Meet at the Clubhouse

Saturday, March 22nd Mini Swap Meet at the Clubhouse ... 10 a.m. to 2 p.m.....There will be food (hot dogs, etc.) ...Bring in your items you want to swap or sell or stop by to see what others bring.

March 15th - Road Trip to the American Museum of Radio, Bellevue. RSVP and Pa in Advance to Rich, N7ANF, CALL 474-8883 or Sign up at Clubhouse.

PINOCHLE & POTLUCK

See you March 8th!

For info call: 253-759-4898

Jack, WA7ENB & Marilyn Moore

Upcoming gatherings 4/5, 5/3, 6/7, then off until September.

Every Saturday the Clubhouse is open from 10 a.m. to 2 p.m.

UPCOMING PROGRAMS AT RCT

Mar 12th

Mar 26th

/EDNESDAY, MARCH 12TH - HOW TO TUNE A GAMMA MATCH

ave Funk, WA7RSO, will present an improved way to tune a gamma match on a Yagi antenna. He will use a 6-meter ntenna and an AEA antenna analyzer for the demonstration. Dave is a retired electronics instructor. He sends code ractice Tuesday evenings on the Federal Way repeater.

/EDNESDAY, MARCH 26TH - ENHANCED APRS

ohn Nason, KD7TCT will present the state of the art in mobile and portable Automatic Position Reporting System APRS) stations. His handheld unit shows the location of transmitting hams locally or worldwide. John is a student at ates Technical College currently pursuing a degree in wireless and advanced communications.

Editorial by Lynnette KD7BVO

During my January, I spent a lot of time in my van tuned in to the W7DK repeater. During the day, I'd note that WA7OHG would get on and dial up an IRLP node and start a conversation with someone on their local repeater. Wade seemed to know precisely when certain people around the world were on their drive home from work and he'd strike up a conversation. I started to think of him as our own goodwill ambassador to much of the rest of the world.

Then, in the evenings, I'd hear Dick, K7ITX contact Elizabeth K7ITY in Palm Springs using the IRLP. As the days went on, both Dick and Elizabeth seemed to gather a following both here and in California.

Then, in the early to late mornings, I'd hear conversations alluding to some really late night contacts that a bunch of people must have made the night before with some exotic location. There's some activity going on our repeater with the IRLP that those of us who sleep at night are missing.

It seemed to me that Dick and Wade and a bunch of others have been having such a great time making contacts with the IRLP so I asked Dick and Wade to write up some of their experiences. Wade's been somewhat under the weather lately so Dick K7ITX wrote up a nice article for us. It's on page 14.

If you have an interesting experience on the IRLP, or on the radio in any mode, we'd like to hear about it. Or if someone encourages you to submit your story, please do so. I appreciate Dick and Wade for their time in putting together an article about some of their "excursions" on the IRLP. I bet there's a lot more stories out there...

Lynnette Martek, KD7BVO
lmartek@cs.com
308 118th Ave Ct E.,
Edgewood WA 98372
253-826-0184



Amateur Radio License Instruction at RCT

he next no-code Technician Class will be held Sat. & Sun. March 8th and h at the clubhouse.

nyone interested in the no-code Technician licensing classes should contact Jerry W7BUN at 253-845-7652 or w7bun@wa.net for information. The no-code tech classes have been filling up so if you, or someone you know, wants to take the class, encourage them to contact W7BUN to be sure to get in the next available class.

Radio Classes Offered

The club is making a mass purchase of excellent quality RG-213 coax - very special price at 32 cents a foot delivered here. This is Mil. Spec. coax, direct burial, ultra violet resistant, 95%+ braid. Contact Jerry, W7BUN 253-845-7652 for class info or to place a coax order.

Checkins to RCT 147.28 MHz Tuesday Evening Net January 2003

WB7AUJ	3	DAVID	N7QOZ	3	BOB
KJ.7BN	2	MARILYN	KK7QS	3	MICK
AC7BU	3	AL	KK7QW	2	PETE
K7BUD	4	BUD	KD7QYS	3	TROY
W7BUN	3	JERRY	KD7QYT	2	STEVE
KD7BVO	2	LYNNETTE	KD7QYU	2	JUD
KK7CB	1	CHUCK	N7RHX	2	JIM
KD7CZL	1	CHRIS	KD7RKV	1	KYLE
K7DBU	2	JACK	KD7RKX	1	LARRY
W7DON	2	DON	KD7RNJ	1	RICK
W7EC	4	HAL	K7ROL	2	CAROL
KC7EQ	4	ANGELA	W7RW	2	ANDY
KK7FM	1	GEORGE	KD7RWT	2	GINO
K7HW	1	AL	W7SKI	3	BOB
W7IMW	2	JACK	KD7SQR	2	DOUG
KA7IOX	4	SCOTT	KB7SVX	2	JEAN
K7ITX	3	DICK	KD7SXU	4	GARRY
WA7IVO	1	NICK	KD7SXX	1	CATHY
K7JIL	3	JILL	KD7SXY	2	JIM
KC7JME	4	NORA	KD7SXZ	4	RODDNEY
KC7JPJ	3	BRUCE	KD7SYF	2	CHRIS
AC7JY	3	FRANK	KD7TQW	2	LARRY
KD7KPU	1	PAM	KD7TQX	4	ADAM
KD7KPV	1	BILL	KD7TRA	2	RANDY
AC7KQ	3	RAY	KD7TRB	1	ROB
AC7LK	3	JOHN	KD7TRD	2	RICH
KC7MTN	1	JIM	KD7UAA	2	BOB
KD7MVG	1	RAY	KD7UBI	1	DAVE
KD7NES	1	GWEN	KD7UBL	1	SHAWN
KD7NUV	4	MICKEY	KJ7UI	2	ALAN
WA7OEE	4	RON	NW7US	1	TOM
WA7OHG	4	WADE	KC7VUJ	1	MARTHA
KC7OKS	2	ED	KC7VUM	2	LOU
KD7OPO	2	BOB	W7WG	3	WORTH
KC7OQN	2	JOHN	AB7WJ	1	BILL
KB7QAG	3	JEFF	AC7WW	2	JOHN
WB7QCK	1	BOB	WG7X	3	GARY
N7QHW	3	SHIRLEY	KJ7XJ	1	ERIC
N7QHX	3	TOM	KB7ZDR	2	MICHAEL
KD7QKI	1	CHRIS	KD7ZWG	3	MARTY
KD7QLJ	3	BOB			

NET CONTROL IN JANUARY, 2003

1/7 KK7QS
1/14 KA7IOX
1/21 WG7X
1/28 K7BUD

Check in to the Tuesday evening Net at 7:30p.m. on 147.28 (the W7DK repeater) for the latest news and announcements from the club!

(Minutes Continued from page 4)

Treasurers Report: In the Bark

Announcements: Ed, KC7OKS, asked that people come pick up their badges.

Nick, WA7IVO, talked about the Logger's Certificate. John, AC7LK, is looking for help with a DX contest on Saturday Marc 1st. He challenges all to come to operate at the Clubhouse and 100 contacts. Frank, AC7JY, reminded us of the HamFest mee on Thursday February 20th at 7 P.M. at the Clubhouse. Rich, N7ANF, reported on the planning for the trip to the Antique Ra Museum in Bellingham. Anyone interested in going please cont him. If we get enough people we can get a bus for a reasonable rate. Jerry, W7BUN, reported that we have enough interest so will have another Technician class on March 8 and 9. A new Ge eral class will be starting on March 10th. There is still some ro in both classes. Also a reminder that if you pre-ordered the goo 213 coax you need to get your money to Jerry. Upcoming programs, February 26, members Show and Tell, March 26th, enhanced GPS.

Program: Speaker Paul Jones, AC7UJ. Paul is with the of the Pierce County Department of Emergency Management, (DEM). He told us what they are doing in communications, what they s as happening in the future, and asked for our help, support, and suggestions.

Committee Reports: Jerry, W7BUN, reported that Field Day al ready has 6 bands spoken for. The ladies will be doing 20 mete SSB. Rich, N7ANF, told us about the upcoming Mother' Day breakfast. John, AC7LK, is heading up a committee to coordina with the Pierce County DEM. Mick, KK7QS, reported that we a working on setting up some committees that are needed.

Good of the Order: First Contact Certificates presented by John, AC7WW, to Paul, KD7UBO, and by Mick, KK7QS to Jessica, KD7PJU. A Logger's Certificate was awarded to Steve, KC7QF for contacting 10 club members. He also got credit for 10 more f a total of 20.

The Doc Spike Award given for service and dedication to the clu was awarded to John, AC7LK.

Tuning and Traffic: 10 meters has been open. David, KD7UBI, reported on an IRLP contact with the UK. Worth, W7WG, reported on a school contest on 15 meters. Al, AC7BU, reported a contact with a school in Montana. Al also reported a mobile con tact on 17 meters with New York State.

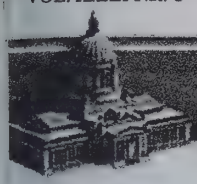
Drawing: Door prizes: Nick, WA7IVO won a box of Almond Roc John, AC7WW, won a box of Reese's Chocolate, and Mark, N7RI won a box of Reese's Chocolate. The 50/50 drawing was won by Phil, W7PFZ. It was for $56.50

Number signed in as present was 64.

Adjourned at 8:53 p.m.

Respectfully Submitted,

Ed Root, KC7OKS Secretary



WASHINGTON STATE SENATE

'rom Olympia: According to Pam 'oach, 31st District Representative, wo amateur radio bills, SB 5200 and B 5201 are being held off until the ext session of the Washington State enate. These bills will be discussed ext August or September and may e tied to Homeland Security.

Washington Senate Bill 5200 - *ESTABLISHING CRITERIA FOR AMATEUR RADIO ANTENNA HEIGHTS*

/ASHINGTON STATE SENATE ILL 5200 in brief: **"Provides that, o city or town shall restrict an mateur radio antenna height to ss than seventy feet unless the estriction is necessary to achieve clearly defined health, safety, or esthetic consideration, and the ity or town finds that these conderations are of greater benefit o its citizenry than the value the roposed antenna would add to ie ability of the amateur radio etwork to fulfill its mission as art of the state and local emerency management organizations, ncluding the provision of back-up mergency communications coverge without gaps for the entire ate."**

B 5200 SPONSORS:

enator PAM ROACH, 31st Legislative istrict; represents parts of South ing County and a portion of NE ierce County, including Auburn, Bonev Lake, Buckley, Edgewood, Enumaw, Lake Tapps, Sumner, and 'ilkeson.

enator DON BENTON, 17th Legisla- ve District; represents east Clark ounty and west Skamania County.

Senator DAN SWECKER, 20th Legislative District; represents parts of Lewis, Pierce and Thurston counties.

Senator BILL FINKBEINER, 45th Legislative District; represents Redmond, Duvall, Carnation, and parts of Kirkland, Woodinville and the Upper Snoqualmie Valley.

Senator VAL STEVENS, 39th Legislative District; represents rural Snohomish County and a portion of northeastern King County.

Senator LARRY SHEAHAN, 9th Legislative District; represents the counties of Adams and Whitman and parts of Asotin and Spokane.

What the individual amateur can do

This bill directly affects the amateur radio community and our ability to provide communications in times of emergency while assuring our right to the proper equipment to do so. Here are a few things you can do:

- On www.arrl.org; go to ARRL SECTIONS; Western Washington; scroll down to SB 5200 for complete bill and "Letter to your Senator." Contact your senator.
- Send your State Senator a qsl card indicating your support of the bill.
- Attend the public hearing when it occurs. Attendance by many hams will send the message that the amateur radio community is united on this issue.

Amateurs in the Olympia area have taken a front seat in promoting this bill in the State Legislature but they need the support of any and all amateurs around the State to get it to pass into law.

In Olympia, Al K7PUC has taken a lead in this effort. To contact him send him an email at "alwilliams@olywa.net".

Senate Bill 5201 - The Volunteer Amateur Radio Emergency Communications Act

SB 5201 in brief:- "Directs the state comprehensive emergency plan and program to, by use of mutual aid arrangements as provided by chapter 38.52 RCW, or otherwise, ensure to the fullest extent possible that the back- up emergency communications coverage provided by the amateur radio network, as described in the state of Washington radio amateur civil emergency services plan, shall be complete and without gaps throughout the entire state.

Requires the emergency management council to report to the appropriate standing committees of the senate and house of representatives during each regular session of the legislature on the readiness status of the amateur radio network to provide back- up emergency communications coverage without gaps throughout the entire state."

Sponsors of this bill are Senators Roach, Horn, Swecker, Esser and Honeyford

Information for this article came from the Washington State government web pages (www.wa.gov) and conversations with K7PUC and Pam Roach.

Want to know the latest news? Ask an electrician.

I hear they are always up on current events.



January Operating Party a Big Hit

The January operating party at the clubhouse brought together a variety of Hams new and old to work the annual ARRL VHF Sweepstakes on three bands (6m, 2m, 70cm). The weekend was quite entertaining. Photos of the event are available courtesy of Bob W7EG, official event photographer: http://www.thecabal.org/~bubba/rct/index.htm.

Results: over 100 contacts were made, with the help of 2m and 6m beams and a J-Pole. The log was submitted showing 2185 points. Logged operators were: Todd KD7NPT, Jeff KB7QAG Bob KD7QLJ (now W7EG), Carol K7ROL, Gino KD7RWT, Garry KD7SXU, and Doug KD7SQR.

(Operating Party Continued on pag 2)



What do you do with a Rubber Ducky? By Rich N7ANF

Well, I hope you had a real fine month since I last said hi.

I see new members and new hams building the standard J-pole and John AC7LK's new dual band J-pole which seems to work really well. Don't forget the handouts Saturdays at the club house, some good antenna info' there. Try it and you might be surprised how much better you get out than with the rubber ducky on your hand-held. Radio Shack sells all kinds of adapters for the miniature antenna connections on hand helds.

And don't be shy about contacting Jerry W7BUN about his upgrade classes. Then you can add to the fu with HF and put up some really BI wire.

Now for more fun stuff, namely the

(Ducky Continued on pag 4)

(White Noise Continued from page 6)

the high frequency bands, atmospheric noise is often well below the level of the man-made noise. Man-made noise includes radio frequency emissions but many other activities also generate rf. Man-made noise is most often vertically polarized, which is one reason that horizontal antennas are quieter.

The other element of atmospheric noise consists of radio frequency of many sources.

The three degree Kelvin background radiation, also known as the microwave background, peaks in the microwave portion of the spectrum. Energy of the creation of the universe has cooled to a faint whisper in the microwave portion of the spectrum by reason of expansion of the universe causing red shifting to longer wave lengths. Interestingly enough, in researching this, I discovered that examination of the red shifting of the three degree background radiation itself establishes that the earth, as well as all material in the local group of galaxies, is moving at a rate of 600 kilometers per second with respect to the background radiation. The radiation pattern of the background radiation is isotropic.

Other examples of atmospheric noise include the following:

"Sferics" are the snap, crackle and pop of lighting from all over the earth that can be heard anytime, anywhere, on frequencies from 1 Hz to beyond 100 megahertz. "Tweeks" is a modified form of a sferic and commonly sounds like a chirp or tweet. "Whistlers" are sferics which have become disbursed in time to the point of becoming a descending tone. "Chorus" is a sferic normally associated with dawn, or an aurora, during magnetic storms. It can sound like a whispery voice, a distant singing of birds, barking of animals or even surf crashing on a shore.

If it isn't white noise, don't call it white noise

Planetary sources include not only Earth, but Venus, Jupiter, Saturn, Uranus and Neptune, all of which are natural emitters of hf radio signals.

The sun itself is by far the most powerful electromagnetic emitter in our solar system, generating broad band radio emissions, flares, magnetic waves and storms of electrical charged nuclear particles and ions. I found an article that indicated that a frequency above 1020 Hz has been detected from the sun. Next is pulsars, gamma ray bursts and several other cosmic sources including main sequence stars, neutron stars, quasars, novas and gas clouds.

The additional source of noise in received transmissions is noise created by the receiver, its feed lines and antenna system itself. The noise temperature of the amplifier includes factors from all part of the system and is amplified along with the received signal at the same rate of gain. Hams often refer to receiver noise as front end noise.

Current digital modes made possible by modern computers are enabling reliable and repeatable communications within the area of the noise floor as was understood by hams only a few years ago. QRP and EME operators are very interested in the noise floor and my research has indicated to me that perhaps the most important innovations and discoveries that will next affect amateur radio will involve weak signals at VHF and UHF frequencies.

There is a wealth of information on the internet once you get involved in this subject and people who are interested should take a look. Investigation of noise will lead you to sites dealing with SETI Radio Astronomy as well as amateur radio. "Veron: Radio Noise and Interference" will lead you to a website with a wealth of articles and other information.

In the meantime, backing off of the use of the term "white noise" will prevent further deepening of furrows on the foreheads of two of our professional members.

73 John AC7LK

TREASURER'S REPORT

January, 2003

by Gary Martek, W7DO, Treasurer

INCOME	
Badge Sales	$27.00
Book Sales	590.95
Classes	200.00
FD Donations	31.43
Raffle	369.00
RCT Dues	1968.00
TOTAL INCOME	**3186.38**
EXPENSES	
AT&T BB	$50.21
Books Cost	409.32
Classes	56.39
Fees	32.51
Insurance	753.66
Postage	43.50
Bulk Mailing	150.00
Radio Station	328.44
Taxes	241.00
Telephone	66.19
Utilities	378.52
TOTAL EXPENSES	**2509.74**
NET	**$676.64**

"There's a reason why we're called amateurs"....KD7SXU

(Operating Party Continued from page 11)

Best line: After Doug, Gino, and Garry had struggled for at least 30 minutes to get the 2m beam up and fully guyed, Garry KD7SXU observed that the coax was still not connected! He was overheard to say, "There's a reason why we're called amateurs."

Other highlights: Setup was mostly smooth with help and advice from John AC7LK and Rich N7ANF. Roddney KD7SXZ showed off his innovative bumper-mount antenna system for the 6m beam (supplied by Lynn KB7OKS). Marty KC7ZWG supplied excellent pizza on Saturday, which brought Mike KB7ZDR, Bud K7BUD, and others to the clubhouse (news about pizza spread fast on the repeater).

At one point, there were at least 75 people hanging around...

At one point on Saturday, there were at least 75 people hanging out to experience the exhilaration of VHF contesting (Zzzzzz). John and Carol advised several new technicians in the fine art of Search-and-Pounce. George KK7FM and Martha KC7VUJ stopped by to give moral support. Dave (now KD7UBI) gained experience as a NO CALL participant. Pete KK7QW and Wade WA7OHG gave a wonderful demonstration of CW on Saturday evening. Garry's chili heated things up on a chilly Sunday. Gino showed his skills of conflict resolution when a neighbor complained of interference. As it turned out, the operating at the clubhouse had nothing to do with the interference, but the neighbor was treated very respectfully anyway. Al AC7BU and several others stopped by to ragchew during the slow periods.

All in all, skills were put into play that will come in handy for Field Day, future contests, and general amateur preparedness. Thanks to all participants for a very successful club event. Thanks especially to Gino, Garry, Jeff, Lynn, John, Marty, and Roddney for organization and equipment.

Next year, with an all-mode VHF/UHF station, who knows how many points ...?

Submitted by the humble VHF Sweepstakes scribe Doug KD7SQR /AG

Sunshine & Congrats

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please contact Jill Palmer, K7JIL, 253-539-7772 or e-mail hamtalker2@msn.com

ELMER BOARD

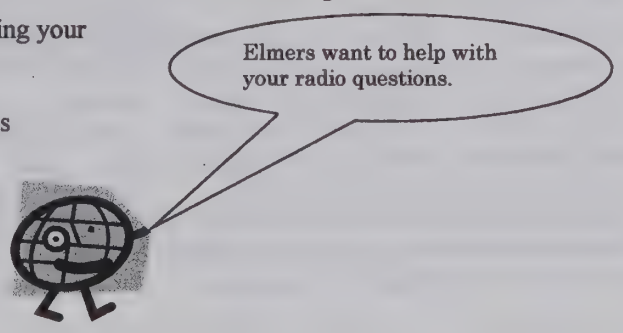
Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members' areas of interest.

1.Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment
12. IRLP

Name/Call Sign Help with topic Phone Number

Jerry, W7BUN 253-845-7652: 1,4,6,9,10
Alan, KB7SVU 253-840-4947 4,5,10
Frank, AB7YZ 253-752-8520 2,3
Roger, WA7ANJ 253-475-4293 1,2,3,4,7,8,11
Angela, KC7EQ 2
John, AC7LK 253-984-6709: 3, 4, 8,10,12
Mick, KK7QS 253-847-8223 12

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the Elmer Board!



MUSEUM MUSINGS by Worth W7WG

Forward to the Past: Amateur Radio during the Last Century

We were discussing the honor due our highly esteemed Radio Club of Tacoma as the oldest continuously operating amateur radio club in the United States, possibly in the World. (Today Tacoma, tomorrow the World?)

Al Burleson, K7HW, a highly effective historical researcher for the Club, found that the controversy comes down to War! .... not war among the clubs, but Wartime operation of our club versus the other contenders for the title of oldest local amateur radio club. In the light of today's headline news the function of amateur radio during wartime is much more than of merely historical interest.

In his research among our Club's Library, Al found the WERS operation spelled out in great detail in the 1943 edition of the ARRL's *The Radio Amateur's Handbook* ($1). He had heard about our Club being active during World War II led by Doc Clifford Spike, W7OS. All amateur radio on-the air-operation had been closed down on December 8, 1941 and official observers were enforcing that decree. However, it appears likely that the RCT was involved in "The War Emergency Radio Service" which is explained in pages 327 to 375 including the strict FCC rules governing that Civilian Defense operation.

Operation was authorized on the 112, 224, and 400 megacycle bands, but the handbook pointed out that only the 112 Mc band [2 1/2 meters, the equivalent of our present 2 meter band] was being used because of the radio tubes available would not work well on the higher frequencies.

"In actuality, the War Emergency Radio Service makes use mostly of equipment supplied by amateur radio operators. Amateurs themselves serve as administrators, technicians, and often as operators, as well as in training additional civilians to qualify for operating assignments. The service has been built to a great extent on foundations of the organization existing in the ARRL Emergency Corps, a reserve of amateur operators and equipment devoted to the supplying of independent auxiliary communications. The AEC is led by Emergency Coordinators, appointees of the ARRL Section Communications Managers, and because of their past preparation and training they are almost exclusively chosen for radio aides in WERS units."

"With thousands of amateurs in military and government communications service, it may safely be said that no community has sufficient licensed operator personnel to carry out a satisfactory plan of WERS communications." The FCC authorized "State Guard and Civilian Defense stations" authorized operators the privilege of training and testing potential new operators, relieving the overburdened wartime FCC offices of that task.

It sounds very much like our present day Club's training and testing program for no-code technicians. During ordinary times the only testing was done in rather daunting FCC offices.

It appears that the Radio Club of Tacoma was very active in that wartime activity for home-front defense. The amateurs used such tubes as the 6L6 or 6V6 in modulated oscillators, limited to 25 watts input to restrict the range to build the equipment for WERS. The AM modulators used 6L6's driven by a 6J5 audio amplifier and a carbon mike, quite typical of pre-war ham equipment. Even a three tube transceiver circuit was shown with the size of the grid-leak resistor changed when switching from transmit to receive to make that tube either an oscillator or a super regenerative detector. Among the suggested wire antennas for that band was a very modern appearing copper tubing J-Pole.

In those days, before frequency counters in amateur service, the band was determined by using the 8th harmonic of a 20 meter crystal oscillator, a calibrated HF receiver, and a Lecher wire system in which a shorting bar is moved along a parallel wire transmission coupled to the transmitter to get two dips. The distance between dips was a half-wave...good enough for those days. (Using a Lecher wire system did not make our Club members of that time lecherous necessarily!)

Morel, W6LIX is pictured in QST Dec. 1941

QST Magazines those WWII day had a section of "In the Services showing radio amateurs servir in the Army, Navy, or Marines, no separate Air Force yet, but each serv had its aviation branch.

In the QST for December 1941 our M rel, W6LIX, was in the middle of the photograph of the Navy radio school Los Angeles dressed in his cute sailo uniform. He later went on to flight school, flying for the Navy, then Uni Airlines. Opportunities in the Servic or in wartime industry for those with the skills learned in amateur radio were posted each month in the maga zine. Even direct commissions in the Army or Navy were advertised.

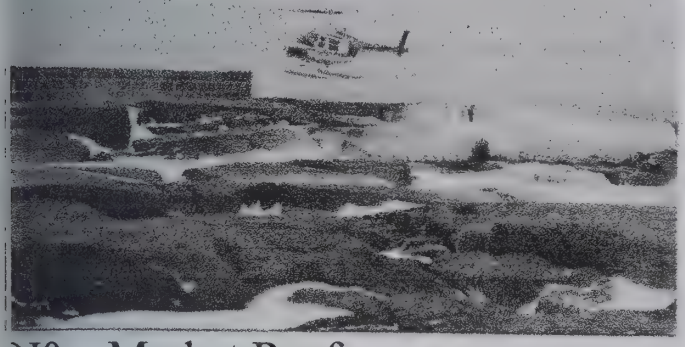
As for our Radio Club's activities dur ing the First World War, more resea materials in the form of old Barks an old Club minutes were found by Dick Ryan, W7RGD, stored in his baseme and which he brought to the Clubhouse. Older members recall hearing that the Club held meetings during t war, but we need to dig into those old records.

The dependence of military radio com munications during WW I on the knowledge and expertise of pre-war amateurs ("Self-trained and self-organized they played a heroically im portant part in winning the war," De Soto in 200 Meters and Down) helped the fight by the ARRL, led by its pres dent, Hiram Percy Maxim, and secre tary, Clarence D. Tuska, to overcome the political push by the Navy Depar ment to take over all radio operations in the U.S.

Radio Amateur joyously came back on the air November 1919. The question what had been happening in the Radi Club of Tacoma during the war, besides contributing many essential, knowledgeable amateur radio operators to winning that war. Can we prove it was active? Who were the other active amateur radio clubs?

QSL Card of the Month

)H0MB / OJ0 *market reef*



)J0 – Market Reef

)xpeditions to Market Reef, a piece)f barren rock in the Baltic Sea, have lways presented a challenge. The egendary winds of the Baltic takes heir toll on operators and antennas.

WANDERING THROUGH THE IRLP
with Dick K7ITX and Wade WA7OHG

My wife Elizabeth, K7ITY has been spending the winter in Palm Springs, California and we've been able to communicate regularly on the IRLP: DK node 7110 and Palm Springs node 3180. This has been a great incentive to get Elizabeth back on the air and interested in Ham radio again. (Since we've been off the air for about 25 years and are just recently returning.) I set up a station in Palm Springs for her not knowing how interested she would become. When I left there after setting up the station, she hadn't sat down to get on the air. But - *Voila!* - the IRLP has done it and now she's active again. Friends from both our area and her area join in regularly and it's a fun time.

I think Wade has a girl friend in South Africa named Jane ZR6JEB. When she brings up our node, she always asks for Wade with her cute little English accent. She even told Wade her age - 35.

Both Wade and I have made several long haul contacts on the IRLP. We've had qso's with Hawaii, South Africa, England, Sweden, Antarctica, and Australia, to name just a few. Also many contacts across the U.S. and Canada.

Editor Note: I think Dick is being modest when he lists these few contacts, these guys are gurus of IRLP-hopping

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hucky Continued from page 11)

pcoming trip to the American Museum of Radio in Belngham, WA. You probably have never seen so much anque radio stuff: a mock-up of the Tinic's radio room (from her sister ship m told), old and strange medical quipment, old scientific apparatus, igh voltage machines, etc.

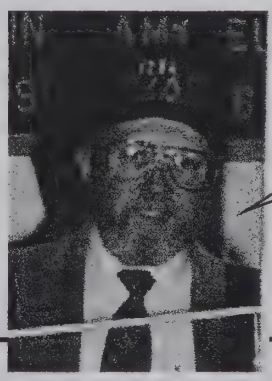
Join the group for the trip to the American Museum of Radio in Bellingham

's going to be a blast. We're going to harter a bus from Tacoma, on a Saturday, I'm looking at he 15th of March, (if you scream and yell we can change it the 22nd).

'e'll park in the 56th and Alaska Park & Ride just East of 5 in the north lot (there are two lots, one of either side of 3th). That's Exit #130. I checked with Pierce Transit and ney said it's alright to park there all day.

epending on the number of passengers and size of bus it will be from $15 to $20. Also expect a $5 donation, or what ever you can afford, to the museum. There is a restaurant in the area called the "Boss Tweed," but I don't know about others. We will meet at 8 a.m. and get back about 4 or 5 p.m., depending on traffic. If you want more information, give me a call.

So have fun and we'll see you on Saturday at the clubhouse or at the meetings. 73, RICH.. N7ANF..



Hi. I'm Rich N7ANF. Don't Be a Stranger! Stop By the Clubhouse Sometime!

Challenge!

CHALLENGE OF THE MONTH FOR MARCH

(February's Challenge Answer on Page 16)

IARCH'S CHALLENGE: solve for the letters $\frac{\text{STOP}}{\text{CUTS}} = C$

Where C > 2, all digits are >0, and each letter represents a different whole number digit (no fractions). Solve for each etter. Let the Editor know via email if you solve it - answers (and solvers) next month.

NEW MEMBERSHIPS: WELCOME!

Our membership chair, Scott, NF7Y new email address is: NF7Y@comcast.net

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Lakewood, Wa 9849
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Josescot@Sufflok.Lib.Ny.Us

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Richard Patrick KD7TRD RCT 217
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Patricia Patrick KD7TRC RCT 217
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253-274-8657

Rick Morton KD7RNJ RCT 2174
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253-473-5899

Cathy Morton KD7SXX RCT 2175
5816 So Ferdinand St
Tacoma, Wa 98409-1328
253-473-5899

Kyle Morton KD7RKV RCT 2176
5816 So Ferdinand St
Tacoma, Wa 98409-1328
253-473-5899

Gary Morton KB7KOA RCT 2177
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Puyallup, WA 98374
Phone 253-446-9452
Email kb7koa@comcast.net

Welcome to All New Members!

We hope you enjoy your affiliation with the Radio Club of Tacoma and will invite your friends to join us.

Please stop by the Clubhouse on Saturday mornings and come to the club meetings and events so we can all get to know you better.

Again, welcome - we're glad you're here!

PRESIDENTS" DAY GREETING FROM N1GZO

ear ARRL Member,

adio amateurs are a strong example of people united in service. On this Presidents' Day, Americans recognize the ll to serve that each of the US presidents answered, and the different and difficult challenges they faced.

s many of us enjoy the Presidents' Day Holiday as a short break from work or school--let us also reflect as mem-ers of a worldwide institution on similar examples of people serving neighbor, community or country.

3, Kathy Capodicasa, N1GZO ARRL Customer Service Manager

EWS BITS:

exas Amateurs Involved in pace Shuttle Columbia Debris earch... Ham radio support for the uttle Columbia debris search and covery effort in Nacogdoches and an Augustine counties in Texas rapped up February 12.

I must say the amateurs were very ofessional and very dedicated to sist in any manner," said South exas Section Emergency Coordinator ob Ehrhardt, W5ZX. "Even after a y in the bush, they would come back to the ops center and say they were ady for another day. The agencies at they worked with were very sur-ised and pleased with Amateur Ra-o. I know that we changed several inds that we could get the job done."

m Lawyer, AA5QX, a Dallas-area nateur who'd helped to organize mateur Radio search-and-recovery pport in Nacogdoches County also pressed his appreciation. "To all who fered to assist and for those who were le to serve, thank you for being part the solution!" he said.

ams used GPS and computer map-ng software to pin down and report e locations of debris items as they ere sighted. Nacogdoches County RES Emerg. Coord. Kenneth Hughes, K5BE, said "Twelve days of operation hard to keep all things going well."

t took all of us to make it happen, and without all of us, it wouldn't have been the success that it was," Lawyer said. "You have reason to be proud that you are 'amateurs'--those who do it for the love of it." *from ARRL Newsletter*

Preliminary numbers during a debriefing net indicated that 198 amateurs logged in at one time or another in Nacogdoches County and 148 in San Augustine County. About 80% of the participating amateurs were from outside the two counties.

International Space Station Ham Crew Digs in For Possible Long Stay... The members of the all-ham crew onboard the International Space Station said that while they grieve the loss of the shuttle Columbia crew, human space exploration must continue and they're ready to spend up to a year in space if necessary.

The crew reportedly has sufficient provisions to last at least until June. A Soyuz taxi crew is scheduled to visit the ISS in April to drop off a new Soyuz capsule and return the one now attached to the ISS.

The crew has not used the onboard ham station NA1SS since the last Amateur Radio on the International Space Station (ARISS) school contact in January and they were scheduled an ARISS contact for February 21 with students at Oregon State University.

Several W. Hemisphere Countries Agree on 40 meter Proposal...A dozen countries in the Americas have agreed to support a proposal for a "harmonized" 300-kHz amateur band in the vicinity of 7 MHz. The issue of a uniform worldwide 40-meter allocation is on the agenda of the World Radiocommunication Conference 2003 (WRC-03), set to be held in Geneva this June and July. The US has so far taken no position on the issue.

Argentina, Canada, Colombia, Costa Rica, Dominican Republic, El Salvador, Guatemala, Honduras, Mexico, Paraguay, Peru and Venezuela agreed to a Canadian-sponsored Inter-American proposal for a 300-kHz amateur band--from 7 to 7.3 MHz--in all three ITU radio regions. That position is in line with what the International Amateur Radio Union (IARU) has been calling for.

A Communications Emergency was declared in Virginia following the President's Day snowstorm allowing for the protection of amateur emergency communications frequencies. 3947 KHz and 7243.5 KHz plus or minus 3 KHz were designated as well as several repeaters in their local area.

FEBRUARY'S CHALLENGE ANSWER

HE CHALLENGE OF THE MONTH FOR FEBRUARY WAS: "Two resistors are in series across a five-volt battery. One sistor is two ohms, and the other is dissipating two watts. What is the current flow in the circuit?

EBRUARY'S ANSWER: *(SORRY - didn't get the answer in time to meet the printing deadline - that'll give those of you ho are still working on it more time to figure it out. Does anyone do these?)*

News from the ARRL by Jerry W7BUN

AMATEUR RADIO SPECTRUM PROTECTION ACT REINTRODUCED IN US HOUSE

The Amateur Radio Spectrum Protection Act has again been introduced in the US House of Representatives. HR 713 is aimed at ensuring the availability of spectrum to Amateur Radio operators. It would protect existing Amateur Radio spectrum against reallocations to or sharing with other services unless the FCC provides "equivalent replacement spectrum" elsewhere. A Senate version of the bill is pending.

The measure would amend the Communications Act to require the FCC to provide "equivalent replacement spectrum" to Amateur Radio and the Amateur-Satellite Service in the event of a reallocation of primary amateur allocations, any reduction in secondary amateur allocations, or "additional allocations within such bands that would substantially reduce the utility thereof" to amateurs.

The ARRL is urging members of the Amateur Radio community to contact their representatives in Congress and request that they cosponsor HR 713. Experience has shown that, while most members of Congress understand and appreciate the benefits of Amateur Radio, some may be reluctant to sign onto a technical piece of legislation without some indication of support from their own constituents. A sample letter is available on the ARRL Web site.

FCC PROPOSES FINE FOR HAM ACCUSED OF INTENTIONAL INTERFERENCE

The FCC has proposed fining a Nebraska Technician-class Amateur Radio operator, Scott E. Kamm, N0UGN, $12,000 for alleged willful and repeated interference, broadcasting of music and failing to identify with his call sign. Responding to complaints of continuing interference on the input of a 2-meter repeater, FCC agents monitored the frequency last December. They observed "very strong signals on the frequency 146.31 MHz consisting of music, sound effects and unmodulated carriers" and no station ID. The FCC said the transmissions were "interfering with existing communications in progress" between other amateur stations.

HOLLINGSWORTH PREACHES COURTESY, COMMON SENSE

FCC Special Counsel Riley Hollingsworth told those attending his forum at the Richmond, Virginia, Frostfest February 9 that Amateur Radio enforcement still has a long way to go, but that amateurs can do a lot through peer pressure to head off problems before they become enforcement issues.

"Enforcement is no substitute for courtesy and common sense," Hollingsworth declared. "More courtesy would go a long way." Hollingsworth again suggested that amateurs "operate so that listeners will be impressed with Amateur Radio," not offended or turned off by it. He said awareness of Amateur Radio is on the rise in the wake of media attention since September 11, 2001, and, more recently, with ham radio assistance in the search for debris from the shuttle Columbia. He pointed to 20 and 75 meters as the current enforcement hot spots as well as the bands where the least courteous operating practices are found--some of which he described as "a disgrace" to the Amateur Service.

Off-the-air peer pressure, he said, is an effective tool to provide guidance to amateurs who may be unaware of how they sound to others on the air. The reactions of some hams when they confront interference--or perceived interference--can be worse than the original interference--whether or not it's deliberate. "Don't overreact," Hollingsworth advised. "The best reaction is no reaction whatsoever."

"You have to always be aware of your image and be willing to protect it," he told those gathered in the packed forum. "You can't shoot yourself in the foot."

The use of new technology and on-the-air experimentation also sometimes brings controversy to the amateur bands, Hollingsworth said, and may prompt an occasion for the FCC to revisit its current Part 97 Amateur Service rules. Hollingsworth pointed to the use of so-called "enhanced SSB," where experimenters have been attempting to achieve full-carrier AM-like high-fidelity audio in that mode. Hollingsworth said the presence of the enhanced SSB experimenters has led to complaints to the FCC--as many as 20 per week--that these signals are taking up excessive bandwidth.

Hollingsworth said that deliberately operating a wideband mode in a crowd spectrum is "shortsighted and rude," may be ignoring the "minimum bandwidth necessary" rule. If its use isn't accompanied by courtesy and common sense, he said, it will lead to pressure the FCC to revise the Amateur Servic rules.

The "Emission Standards" section of Part 97--specifically §97.307(a) and (b) requires amateur transmissions to not occupy "more bandwidth than necessa for the information rate and emission type being transmitted, in accordance with good amateur practice" and to "n cause splatter" on adjacent frequencie

Hollingsworth said the bandwidth of a given signal is not easily determined b the average amateur transceiver--even one equipped with a band scope of som sort. He pointed out that the problems with apparent splatter can be aggravated by the use of a noise blanker on the receiving end. "Just because it sounds wide doesn't mean it is wide," h said, adding that he'd prefer the amateur community come up a way to accommodate such experimentation because "a government solution will be worse than the problem."

AMATEUR RADIO'S PUBLIC SER VICE STORY AVAILABLE ON VIDEO

An updated *Amateur Radio Today* vide now is available for free downloading from the ARRL Web site. Narrated by former CBS News anchorman Walter Cronkite, KB2GSD, *Amateur Radio To day* showcases the public service contri butions made by hams throughout the country. Highlights include ham radio's response on September 11, 2001, ham radio's part in helping various agencies respond to last year's wildfires in the Western US, and ham radio-in-space educational initiatives.

Amateur Radio Today is touted as "an ideal presentation for ...[any] venue where you want to vividly illustrate what Amateur Radio has to offer the public." The copyrighted program is not

(Continued on page 1

tended for broadcast use.

FIELD DAY GETS A NEW ENTRY CLASS FOR 2003

ield Day will gain another entry class r the 2003 running of this highly popur operating event June 28-29. "Class F" ations will operate at emergency operaons centers--or EOCs.

iven the increased emphasis on emerncy communications since September 1, 2001 the ARRL Board's Membership ervices Committee asked that the Const Branch come up with a way to acmmodate stations wanting to operate om the local EOC.

here are also some other rule changes at Field Day coordinators need to look to.

IX-YEAR-OLD OREGON GIRL ETS GENERAL TICKET

six-year-old girl from Roseburg, Oren, has upgraded from Technician to eneral. Mattie Clauson, KD7TYN could e the youngest General-class operator in ie US. Her new ticket was granted nuary 13.

lattie allowed that the Element 3 test vas pretty hard" and she had to study r a long time before passing it on her ird attempt. "The Element 3 test was a t harder than the Tech test," she said. he was ambivalent about the 5 WPM lement 1 Morse code exam, characterizg it as "not too hard, just a little, but ind of easy too."

er parents, Tim and Charlotte Clauson, C7SP and KD7QZB, say Mattie became terested in Amateur Radio when she as five. The Clausons discovered "a kidiendly study book," Ride the Airwaves ith Alpha and Zulu by John Abbott, 6YPB (no longer in print--Ed). The lausons say Mattie, who already knew ow to read, dove into it right away. Her om and dad helped her to study, exlained the "hard questions" and encourged her to take practice tests at various Veb sites.

n article on Mattie appeared February in the Statesman Journal of Salem, regon. Mattie and her mom now are orking on their Amateur Extra tickets.

ARRL EXPRESSES MIXED FEELNGS ON SPECTRUM POLICY TASK FORCE REPORT

he ARRL has registered some mixed feelings about the FCC's Spectrum Policy Task Force Report issued late last November. In comments to the FCC this week, the League called the report "a positive first step" in developing a comprehensive national spectrum management approach. At the same time, the ARRL said, the SPTF Report "fails to address the needs and goals" of the Amateur Service and urged the FCC to not abandon longstanding allocation policies based on engineering.

"Overall, ARRL asks that the Commission not adopt the SPTF Report in toto, but rather use it as a basis for future planning on an ongoing basis," the League said January 27 in its comments in ET Docket 02-135.

Cautioning the FCC to not continue an apparent "rush to judgment," the ARRL said there's not been enough time to study the report's recommendations thoroughly, much less deploy them immediately. The League also warned against basing allocation policy on anticipated advances in technology.

The ARRL again called on the FCC to consider greater use of "negotiated rulemaking" to expedite allocation decisions. "Instead of acting as the judge and jury, the Commission could act as more of a facilitator among competitors for spectrum," the League said.

ARRL EXPRESSES MIXED FEELINGS ON SPECTRUM POLICY TASK FORCE REPORT

The ARRL's comments on the FCC's Spectrum Policy Task Force Report in ET Docket 02-135 are available on the ARRL Web site <http://www.arrl.org/announce/regulatory/et02-135/arrl-comments.html>. The report itself is available from the FCC Web site <http://www.fcc.gov/Daily_Releases/Daily_Business/2002/db1115/DOC-228542A1.doc>

FCC NOTICES TO UNLICENSED OPS

The FCC has sent warning notices to 10 individuals--eight of them Amateur Radio licensees--for operating without a license in the 11-meter band. All but one of the operators live in the Greater New York City area.

"Such operation will subject you to fine or imprisonment, as well as an in rem seizure of radio transmitting equipment, in cooperation with the United States Attorney for your jurisdiction," FCC Special Counsel Riley Hollingsworth wrote January 15. He cited "monitoring information before the Commission" indicating that the individuals were transmitting on 26.540 and/or 26.555 MHz, frequencies allocated for government use. Fines for unlicensed operation can run as high as $10,000.

PROMPT ACTION BY NEVADA AMATEURS HELP SAVE LIVES

As Joe Giraudo, N7JEH, was on his long, daily commute to his office at a mining corporation outside Elko, Nevada, he came upon a car that had skidded on "black ice" and rolled over a number of times in an isolated valley north of Carlin. A bus carrying emergency medical technicians to the mine had already arrived, and the EMTs were mobilizing to treat the three accident victims. Giraudo immediately called up the autopatch on the W7LKO 146.85 repeater to notify the Nevada Highway Patrol and the Carlin police and fire departments. He again used the autopatch so EMTs could relay situation reports to the responding emergency units.

When the emergency units started arriving, they found they were unable to communicate using their own radios because of the local terrain. The autopatch under Giraudo's control allowed them to communicate with their central dispatcher to coordinate other responding units, warn them of the black ice and request helicopter support. At one point the W7LKO autopatch went down, but Gene D'Asto, WA7BWF, immediately came up on the repeater and began relaying information via landline. After a 30 minute extraction effort, all three victims were taken by ambulance to the Elko Regional Medical Center.

UTC EMERGENCY COMMUNICATIONS NATIONAL TRAINING GRANT TO COVER ALL LEVELS

A generous grant from ARRL corporate partner United Technologies Corporation (UTC) will expand reimbursed Amateur Radio Emergency Communications Course (ARECC) training to all three training levels and put the UTC grant program on a national level. The three-year, $150,000 grant will reimburse the cost of tuition ($45) to students anywhere in the US who successfully complete ARRL's Level I, II and III Amateur Radio emergency communication courses.

RADIO CLUB OF TACOMA
PO BOX 11188
TACOMA, WA 98411-0188

[ ] NEW MEMBER (ONE APPLICATION PER MEMBER)

[ ] RENEWAL (ONE RENEWAL FORM PER FAMILY OK)

MEMBER CATEGORY: [ ] FULL [ ] SENIOR [ ] ASSOCIATE [ ] FAMILY [ ] LIFE [ ] STUDENT [ ] REINSTATEMENT

Name_____ Call_____ Class_____ Birthday_____

Address_____ City/State_____

Zip+4_____ Home Phone(____)_____ Work Phone(____)_____

e-mail address_____ Publish phone number/e-mail in the Club Roster? Yes [No

Former Call(s)_____

Are you a Volunteer Examiner ? Yes [ ] No [ ] If Yes, which VEC? ARRL [ ] W5YI [ ] Other [ ]

Occupation (or former occupation)_____

Are you a member of: ARRL [ ] ARES/RACES [ ] MARS [ ]

FAMILY MEMBERS NAME, CALL, AND LICENSE CLASS (RENEWALS ONLY)

_____

_____

_____

THE RADIO CLUB PARTICIPATES AND SUPPORTS THE FOLLOWING ACTIVITIES EACH YEAR. PLEASE MARK THE BOX I FRONT OF THE ACTIVITY OR ACTIVITIES THAT YOU WILL HELP SUPPORT. WE NEED YOUR HELP AND SUPPORT, **PLEA CONSIDER AT LEAST ONE ACTIVITY THAT WE CAN COUNT ON YOU TO SUPPORT. PLEASE CHECK THE FIRST BOX IF ARE EXPERIENCED OR ALREADY INVOLVED. CHECK SECOND BOX IF YOU WOULD LIKE TO LEARN MORE ABOUT THI**

[ ] [ ] DIGITAL COMMUNICATIONS	[ ] [ ] VE TEAM	[ ] [ ] EMERGENCY COMMUNIC
[ ] [ ] FIELD DAY	[ ] [ ] PUBLIC RELATIONS	[ ] [ ] CLUB NEWSLETTER
[ ] [ ] ANNUAL FLEA MARKET	[ ] [ ] TEACHING CLASSES	[ ] [ ] CONTESTS
[ ] [ ] BOOTH AT THE WWA FAIR	[ ] [ ] ANTIQUE RADIOS	[ ] [ ] VHF/UHF
[ ] [ ] WORKING WITH YOUTH GROUPS	[ ] [ ] DX	[ ] [ ] EXPERIMENTATION

Other hobbies, interests, skills:_____

Club badges are available for $9.00. If you would like a badge, please PRINT the following:

Badge Name_____ Badge Call Sign_____

Applicant's Signature_____ Date_____

ANNUAL MEMBERSHIP DUES: FULL OR ASSOCIATE MEMBER $30
FAMILY MEMBER (AT SAME ADDRESS, FIRST TWO) $15 EACH (ALL ABOVE 2 ARE FF
SENIOR MEMBER (65 AND OVER) $25 FULL-TIME STUDENT (UP TO AGE 25) $15
LIFE MEMBERSHIP = 20 TIMES ANNUAL DUES (PAYMENT PLAN AVAILABLE)
Seven dollars ($7.00) of your annual dues is for the Club's monthly newsletter (The Logger's

FOR RCT USE ONLY

Dues received $_____ Treasurer's initials_____ Date_____

Badge fee rcvd $_____ Treasurer's initials_____ Date_____

Receipt Number_____ **Radio of Tacoma Membership Number**_____

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
P.O. Box 11188
Tacoma, WA 98411

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April, 2003 EVENTS

pr. 5 - Pinochle Potluck

pr. 2 - Board Meeting, 7:30 p.m. Clubhouse - All members welcome

pr. 8 - License Testing - 7 PM, Clubhouse

pr. 9 - Club Meeting - Library Administration Center, 7:30 PM

Program: CORRECT REPEATER PROTOCOL by RCT Repeater Control Operators

pr 15 - BARK deadline - PLEASE *please* get articles, columns, etc. in by that time!

pr 23 - Club Meeting - Library Administration Center, 7:30 PM

Program: ANTENNA SYSTEM DESIGN by John Pitts, W7RG

Support OUR club - Attend meetings, volunteer, elmer.

Check in to the 2-meter Net every Tuesday night at 7:30, on 147.28. Hear additional information on programs and other events.

Check in on the 10 Meter Net every Sunday evening, 8 PM, on 28.375 MHz USB

See page 8 for meeting program schedule. Check the weekly net for updates to the program schedule.

YLs - Check in to the YL Net on the 147.28 repeater every Monday at 8 PM.

W7DK EVENTS CALENDAR

April 2003

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 April Fool's Day NORA SIMMONS KC7JME * 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	2 STEF THORDARSON KB7PKF* 7:30 PM RCT BOARD MTG	3 NINA ARCHER N7BKK JEFF HANSON WB7NND* JAMES KINNEY WT7Y*	4 MARTHA BOX N7GUE*	5 W7DK Open House 10:00 AM - 2:00 PM
6 Daylight Savings Begins STEVE RAEDER KD7OQE* HARRY HUDSON * LLOYD LARSON W7LUI* 8:00 PM 20 Meter Net - 28.375 MHz	7 ALAN FERGUSON N7OMS* MIKE SCOTT KB7UXU* CARL KLAWHUN KC7LBE* WILLIAM LUCAS KB7UHB * Week 14	8 7:00 PM RCT LICENSE EXAMS 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	9 DENISE TJELDE KD7TCP HARRY WONG N7DOE* 7:30a 7:30 PM W7DK GENERAL MEMBERSHIP MEETING	10 JESSICA CARTER KD7LZW* STEPHEN BARANOWSKI N1SB* RICH HIEB WB7PYS*	11 ROBERT TEITZEL WA7ZZA*	12 W7DK Open House 10:00 AM - 2:00 PM
13 ROSS CUNNIGHAM KC7UFM* DONALD KUEHNE K7DK* LEE MYERS W6PZF* 8:00 PM 20 Meter Net - 28.375 MHz	14 HAP ARNOLD JR KB7UXD* Week 15	15 JOE WINTER WZ7M* 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	16 BOB GORHAM KB7SWW* JERRY HATHAWAY K7ETU*	17	18 BERNARD MARTEK KD7GOE*	19 W7DK Open House 10:00 AM - 2:00 PM JOHN MAKEBAKKEN N7FOW* ROBERT CHURCHWARD W7RXS*
20 Easter MICK PIER KK7QS* 8:00 PM 20 Meter Net - 28.375 MHz	21 PAT MORGAN N7CAK* BILL REUTER W7KT* Week 16	22 JOHN EGE KC7FGG* 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	23 7:30 PM W7DK GENERAL MEMBERSHIP MEETING CHANDLER ELLIS KC7EYZ*	24	25 ROBERT GATES K7IND*	26 W7DK Informal Flea Market W7DK Open House 10:00 AM - 2:00 PM VERN HASE KD7GTZ* OWEN NELSON KB7UXP*
27 8:00 PM 20 Meter Net - 28.375 MHz	28 MARY ANN ISERI KD7HYX* Week 17	29 ROBERT LEE KD7OPO* DAVID CASEY N7DJC* 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	30 THOMAS DAILEY N7LTI*			

club of tacoma radio W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

ARRL RADIO CLUB OF TACOMA W7DK

VOL. XXXX NR. 4 W7DK APRIL, 2003

From the President, Mick KK7QS

Hello fellow hams. I would like to talk a little this month about the repeater and its use. As the club grows in number, (and it is growing fast), I believe there is a need to educate our users on subjects like, what to do if you hear a jammer, or even such things as proper repeater etiquette.

With all the new users the repeater is getting a lot of use, and a little abuse. A lot of use is good but I can't say the same about the abuse.

First thing I would like to address is what to do if you hear a jammer.

First thing to do is nothing.

That's right, nothing. Do not acknowledge their presence. Don't confront them or even speak to them. A jammer's only mission in life is to cause interference and annoy the repeater's users. If you come back to a jammer all you are doing is confirming that they have succeeded. If they get no response they will soon get bored and leave. Please Do Not Respond to a jammer.

Second thing to do is take a lot of notes.

Note things such as time, date, nature of jamming, how long the occurrence was, or any other bits of information that can be recorded. Without documentation nothing can be done to resolve the problem.

Third thing

to do is remember the first thing. DO NOT respond on the air. Then you should try to refrain from talking about it to fellow hams on the air. If you talk about it on the air the jammers will be assured they have succeeded.

Now that we know what to do about jammers let's review some of our own repeater practices. I think we all could use a refresher on good repeater eti-

(President Continued on page 9)

Events and News Brief

- The first thing to do when you hear a jammer is nothing See President's report this page.
- Hamfest 2003 volunteers needed....story this page
- Meeting Minutes page 4
- Automatic Temp-Controlled Fan Schematic...page 11,
- Tues. Net Checkins .See page 13.

n this Issue: Loggers Certificate Continues As a 'opular RCT Members' ward Page 5

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Hamfest 2003 Update

This is our only fund-raiser for RCT and we will be at a new location this year. Some things will be easier than before-some things will not.

As a group, we need to pay special attention to promoting this event. Last year we had a great crew which made that event a success. We are working on a more refined flier mailing list with hopes of reaching more of the hams that will want to be there.

Spread the word that it's all one building indoors with lots of parking. We're growing. Hamfests are on the upswing. This one, with your help could be bigger and better than ever!

1. I'd like to have it known that if anyone needs fliers for our Hamfest for reasons such as to take to another Hamfest or event, or simply to take them where they might be picked up by interested parties; see Al Burleson K7HW. Also, there will always be fliers at the clubhouse and I will have some.

2. There are many jobs available at the Hamfest. There is a job sign up sheet at the clubhouse and I will always have one with me at the general meetings.

Volunteer Opportunity: Sign-up to help at the RCT Hamfest! - Date is August 16, 2003 This is a fun event! Contact AC7JY (contact info on page 3)

RADIO CLUB OF TACOMA – 2003

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Announcements

>>Radio Club of Tacoma **Hamfest 2003** needs volunteers to help out in many areas. Meetings are being scheduled now t plan for the Hamfest which is in August. Contact Frank, AC7JY the Hamfest chair. *AC7JY@msn.com*

>>>>**GET ON THE AIR (and stay there)** ! The last Saturday each month is designated as a special club activities day wit a mini swap meet and lunch provided by the club. One of the primary purposes is to allow new members to get to know other members, the club equipment, and find Elmers. Bring your questions, problems, equipment, manuals, antennas, a even installations. Many knowledgeable and talented peopl want to help you.

>>**The Elmer Board** is published for a reason-use it or volunteer.!

>>The April Technician Class will be April 5th and 6th, and the next General Class course will start April 14th. Contact Jerry, W7BUN, for details 253-845-7652 or w7bun@wa.net.

>>Needed: Faculty to do the Boy Scout Radio Merit Badge program see info on page 5.

>>**Ladies interested** in participating in the 20-meter Fiel Day Ladies Only band, contact Carol K7ROL 253-564-8666. We need all the help we can get. Field Day is the last weeke of June.

CLUB MEETINGS: 7:30 PM 2nd & 4th Wednesdays of each month at the Pierce County Library Administration Building, 3005 - 112th Street East, Tacoma, WA

W7DK/Radio Club of Tacoma

147.28 / .88 MHz	144.97 - Packet
147.38 / .98 MHz (PL© 103.5)	440.625 / 445.625 (PL© 103.5)

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 253-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to lmartek@cs.com or mail to Lynnette Martek, KD7BVO, 308 118th Ave. Ct. E., Edgewood, WA 98372. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. *The Logger's Bark* does not verify or guarantee statements in the Swap or Wa columns. Permission is granted to use any or all portions of art published in *The Logger's Bark* if credit line is included in the rep

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The Radio Club of Tacoma is a non profit organization as defin law, and all proceeds will be used exclusively for charitable and cational purposes.

Radio Club of Tacoma Meeting Minutes

adio Club of Tacoma General lembership Meeting February 26, 003

leeting opened at 7:32 p.m. by Presi-ent, Mick, KK7QS, who led us in the ag salute.

ıtroductions were made around the om.

lness or Silent Key: Mickey, D7NUV, is recovering from a cold.

rank, AC7JY, is getting better and resent.

orrespondence: Phone bills, bank atement, membership forms, badge der, SeaPac flyer, insurance papers, SL card, letter to Jill, K7JIL, and ich, N7ANF, letter from 73 magazine, nd ads.

nnouncements/Committee Reports: ill reported on the Hamfest committee eeting and requested people to sign p for jobs, such as parking, security, t-up, and others. Mick reported on ır table at the Mike & Key Hamfest nd asked for help staffing it. Rich re-orted on the trip to the Bellingham ntique Radio Museum. It is planned r March 15th. If interested contact im. John, AC7LK, said that we are oing to be operating the club station is Saturday and will try to get 100 ountries. Jerry, W7BUN, reminded us ıat Field Day is coming. 8 bands are lready signed for. Ladies are running 0 meter SSB and will have a practice ession at Jerry's house this Saturday. e also announced that there is a new echnician class on March 8 & 9. here is a General class March 10, and is full. A General class planned for pril 14 is already half full.

pcoming programs: March 12, how to ıne a gamma match. March 26, latest n APRS and GPS.

onight's Program: Members Show and ell. Mick, KK7QS, presented a Log-er's Certificate to Roddney, KD7SXZ.

lints and Kinks: Ed, KC7OKS, re-orted on a trend to use "break" to get ı on the repeater. He read the ARRL ıstructions for using "break" to use the repeater to help in an emergency, and to use "break, break" to make a distress call. Dick, N7ITX, spoke about using the IRLP echo reflector properly. David, KD7UBI, reported on some use of the IRLP without identifying by the station bringing it up.

Tuning and Traffic: Jerry, W7BUN, reported on getting a QSL card from a rare country. A report was also made on an IRLP contact with Scotland.

Refreshments were provided by Gwen, KD7NES. It was a birthday cake for Ed. Everyone sang Happy Birthday to him.

Door Prize: A soldering iron won by John, AC7LK.. 50/50 drawing for $50 was won by the Birthday boy. FRed, KC7OKS.

60 signed in as attending. Adjourned at 9:13 p.m.

Respectfully Submitted,

Ed Root,KC7OKS, Secretary

Radio Club of Tacoma Board Meeting March 5, 2003

Opened at 7:30 p.m. by President Mick Pier, KK7QS.

Minutes: Approved as written.

Correspondence: Bank statements, memberships, address corrections,

newsletters, ARRL new Ham list, and confirmation of Mike & Key club table reservation.

Treasurer: February Income $2293.00 Expenses $1988.30.

Committee Reports: Jerry, W7BUN, the Scholarship Committee came up with a form for discussion. It was approved with a minor change. Put the Club Logo on it. Frank, AC7JY, reported on the Hamfest committee meeting.

Gordon, KC7TND, presented a proposal to have the Bark on the Internet with a link from our site. MSP to do it. Jerry has an opportunity to purchase some new chairs at a good price. MSP to get up to 15 at $10 each.

Old Business: Packet. We will look at changing the radio to one that doesn't lose it's frequency. Carpet. We have 2 bids for installing the new donated carpet. They are both rather high. We will look for a more reasonable price. The report of recommended committees was discussed. Ed, KC7OKS, made mention of our responsibility to be able to support education with usable equipment.

New Business: Both back lights are not working. Frank talked about us having a door prize drawing at the Mike & Key Fleamarket. Bill, KB7IHB, recommended that we only repair the window that has rotten wood, and that we calk and paint the rest. We can do it as a work party. We will also consider putting some storm windows up. Rich, N7ANF, spoke about the trip to the Radio Museum in Bellingham. A question came up as to where the Club felt banner was. We located it. A question also was raised about the generator's for Field Day. They will be checked out.

Good of the Order: Jerry has a computer CD of News Legend Walter Cronkite, a Ham, discussing Ham Radio. He needs some help with being able to play it at a club meeting. Rich requested that someone replace him at the Clubhouse on the 15th.

Present: Mick, KK7QS; Roger, WA7ANJ; Gary, W7DO; John, AC7LK; Ed KC7OKS; Rich, N7ANF; George, KK7FM; Jill, K7JIL; and Frank, AC7JY.

Visitors were: Jerry, W7BUN; John, AC7WW; Al, K7HW; Joe, W7RQ; Ray, AC7KQ; Mike, KB7ZDR; Gordon, KC7TND; Roddney, KD7SXZ; Dick, K7ITX; Bob, W7EG; Bud, K7BUD; and Bill, KB7IHB.

Adjourned at 8:47 p.m.

Respectfully Submitted,

Ed Root, KC7OKS, Secretary

(Minutes Continued on page 9)

Radio Club of Tacoma Awards & Certificates Issued

Logger's Certificate

KD7SXZ

KK7QS

KC7OKS

AC7LK w/30 endorsement

KD7SQR w/20 endorsement

KD7UBI w/20 endorsement

Logger's Certificates are issued for contacts with 10 RCT members; any mode, any band and all you have to do is report which members you had a contact with to WA7IVO!

Community Connections

by Todd KD7NPT

Editor: The "Community Connections" column was intended to report what our members have been doing in the comm nity. I'm sure that you all are saving up your reports for next month's issue...send your information to Todd KD7NPT. is important to have a record of what our members are doing to benefit the community and the world we live in. It's im portant to the history of the Radio Club of Tacoma. It's important to the entire ham community. Todd has graciously v unteered to write up your stories so I'll guarantee they will look good when they are presented in this column.

What? You say you don't do anything in the Community? It's hard to believe that in a club as large as ours that we don have some members who are doing some volunteer work or good deeds somewhere to benefit the community. Maybe we need a committee who does nothing but make sure each club member does at least one good deed a year (...or a decade...

Let's see, what can you do? There's a list of opportunities coming up in April - see the ARES/RACES page. Or John AC7LK could use some help teaching a Boy Scout Merit Badge radio class. Look around, do something, then let Todd know what you did.

NO-CODE TECHNICIAN CLASS

APRIL 5TH & 6TH

RADIO CLUB OF TACOMA

Reservations Needed

Contact Jerry W7BUN, for details

253-845-7652

w7bun@wa.net

Request for Volunteers:

Needed: Faculty to do the Boy Scout R dio Merit Badge program.

I need 12 or 13 people who can commit to 2 days each during the period from July 7 through August 9. The program will take 1. hour per day. A large faculty will spread th load so that no one will be required to spen more than two days at the camp. If I get a f vorable response, I will organize a training session for instructors. 73 John AC7LK

FIRST CONTACT AWARD

There is a certificate that can be given to new hams for their first on the air contact. Jerry, W7BUN, has a supply of First Contact Award Certificates. If you have a first contact with a new ham, ask for their full name and call. Call Jer at 845-7652 and provide that information along with the date of the contact, and a First Contact Award will be issued.

ARES/RACES BY SHIRLEY MURPHY, N7QHW

Editor: Shirley is on vacation. The following information was gleaned from the Internet.

The Pierce Co. ARES/RACES Tuesday Night Net is held at 1900 hours on the Primary Frequencies of WC7AAO 145.37 MHz Repeater and also on the E7LE 442.45 MHz Repeater with the Backup requencies of the KB7CNN Linked System of 46.64 MHz Repeater, 444.75 MHz Repeater and ne 1292.4 MHz Repeater.
ttp://piercecounty.tripod.com/

April, 2003 Volunteer Opportunities:

f you'd like to volunteer for Community Service vents, please contact Judy LaFleur 7nii@msn.com or at 253-847-5198 and leave a essage with your name, callsign, phone number nd how late she can return your call.

hose who volunteer for the list should be physically and mentally ready for the conditions they ay face.

pril 5th, 2003 - MS Walk at Pt. Defiance in Tama

pril 12th, 2003 - Daffodil Parade in Orting

pril 26th, 2003 - March of Dimes - Walk America

Pierce County Phone Numbers:

Pierce County Emergency Coordinator: Mark Yordy, W7BBO 253-857-5123;w7bbo@juno.com.

Assistant Emergency Coordinator/Zone 1 Manager: Rollo Van Slyke, N7JQ 360-876-2803; rollo@worldfront.com

Assistant Emergency Coordinators/ Anderson Island Managers: John Mollan, AE7P and Donna Mollan, WB7FDE. John and Donna can be reached at 253-884-1679; ae7p@arrl.net.

Net Manager for Pierce County Amateur Radio Communications Services nets: Rich Heasty, KK7VH 360-897-6576; rheasty@wolfenet.net

Membership Applications and Roster Maintenance: Shirley Murphy, N7QHW 253-265-3661; sundancealso@harbornet.com

Special Events Manager: Judy LaFleur, N7NII 253-847-5198

Medical Services Manager: Pat Nicholson N7WGR 253-864-6589; patn0011@earthlink.net

Emergency Communications Emergency Response Team lead: Mario Badua, KD6ILO 253-952-5880; kd6ilo@arrl.net

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please contact Jill Palmer, K7JIL, 253-539-7772 or e-mail hamtalker2@msn.com

ELMER BOARD

Do you need help with some area in ham radio? Here is a place to start… First is the listing of areas of support, followed by a list of members' areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment
12. IRLP

Name/Call Sign Phone Number	Help with topic
Jerry, W7BUN 253-845-7652:	1,4,6,9,10
Alan, KB7SVU 253-840-4947	4,5,10
Frank, AB7YZ 253-752-8520	2,3
Roger, WA7ANJ 253-475-4293	1,2,3,4,7,8,11
Angela, KC7EQ	2
John, AC7LK 253-984-6709:	3, 4, 8,10,12
Mick, KK7QS 253-847-8223	12

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the Elmer Board!



April Contests

SARL 80-Meter QSO Party	1700Z-2000Z, Apr 3	
MARAC County Hunters Contest, SSB	0000Z, Apr 5	- 2400Z, Apr 6
SP DX Contest	1500Z, Apr 5	- 1500Z, Apr 6
EA RTTY Contest	1600Z, Apr 5	- 1600Z, Apr 6
QCWA QSO Party	1900Z, Apr 5	- 1900Z, Apr 6
YLRL DX to NA YL Contest, CW	1400Z, Apr 9	- 0200Z, Apr 11
JIDX CW Contest	0700Z, Apr 12	- 1300Z, Apr 13
QRP ARCI Spring QSO Party	1200Z, Apr 12	- 2400Z, Apr 13
EU Spring Sprint, SSB	1500Z	- 1859Z, Apr 12
UBA Spring Contest,SSB	0600Z	- 1000Z, Apr 13
YLRL DX to NA YL Contest, SSB	1400Z, Apr 16	- 0200Z, Apr 18
Holyland DX Contest	0000Z	- 2359Z, Apr 19
TARA Spring Wakeup PSK31 Rumble	0000Z	- 2400Z, Apr 19
ES Open HF Championship	0500Z	- 0859Z, Apr 19
YU DX Contest	1200Z, Apr 19	- 1200Z, Apr 20
GACW CW DX Contest	1200Z, Apr 19	- 1200Z, Apr 20
EU Spring Sprint, CW	1500Z	- 1859Z, Apr 19
Low Power Spring Sprint	1400Z	- 2000Z, Apr 21
Harry Angel Memorial Sprint	1100Z	- 1246Z, Apr 25
SP DX RTTY Contest	1200Z, Apr 26	- 1200Z, Apr 27
Helvetia Contest	1300Z, Apr 26	- 1300Z, Apr 27
QRP to the Field	1500Z	- 2400Z, Apr 26

r more contest details, g
www.arrl.org/contests

If you have contest results from your station, please send them along to the Bark Editor so we can report on our members' activities!

UPGRADE YOUR LICENSE!

RCT VE TESTING

EVERY SECOND TUESDAY OF THE MONTH

AT THE CLUBHOUSE AT 7 P.M.

Anyone wanting to take any element of the amateur radio tests is welcome - no reservations needed.

W7DK calls for contesters

Contesting with W7DK at the Club house:
Club goal is 100 DX qsl cards to dec rate the clubhouse wall!
Organize a contesting party at the Clubhouse - contact John AC7LK fo info.

Pacific NW Hamfests

April 5, 2003 Yakima ARC, Yakima, WA (http:w7aq.com)

April 26, 2003 Snake River ARC, Caldwell, Idaho

April 26, 2003 Eagle Rock ARC & Eastern Idaho UHF Society, Idaho Falls, Idaho (http:myweb.cableone.net/wa4vrv/hamfest

- *RCT Hamfest is August 16th in Spanaway. AC7JY, Chair*

Mini-Swap Meet at the Clubhouse

Saturday, Last Sat of April Mini Swa Meet at the Clubhouse ... 10 a.m. to 2 p.m.....There will be food (hot dogs, etc.) ...Bring in your items you want to swap o sell or stop by to see what others bring.

PINOCHLE & POTLUCK

See you April 5th!

For info call: 253-759-4898

Jack, WA7ENB & Marilyn Moore

Upcoming gatherings 5/3, 6/7, then off until September.

Every Saturday the Clubhouse is open from 10 a.m. to 2 p.m.

UPCOMING PROGRAMS AT RCT

Apr 9th

Apr 23rd

WEDNESDAY, APRIL 9TH - CORRECT REPEATER PROTOCOL The Radio Club's repeater control operators will sit as a panel and present proper operating procedures for use on the club's repeaters. Topics will include proper identifying, using simplex as an alternate, use of a repeater during commuter rush hours, use of the IRLP and autopatch features, and correct techniques for breaking into a QSO. The panel will then field questions about repeater operation from the audience.

WEDNESDAY, APRIL 23RD – ANTENNA SYSTEM DESIGN John Pitts, W7RG, will talk about planning your antenna system design, from wires to Yagi beams, from HF to VHF. He is also prepared to discuss safe and proper tower design and installation. John is an avid contest operator and has an antenna farm which includes three towers and multiple beams and wire antennas overlooking Puget Sound. He lives in Steilacoom and is a Certified Financial Planner.

Ed: Programs for club meetings are planned by W6BUN. If you have ideas, let Jerry know. Thanks to Jerry for all his efforts in presenting us with many fine programs!

Editorial by Lynnette KD7BVO

On Saturday, March 23, Gary, W7DO, turned over his Treasurer's box to Roger, WA7ANJ. This is in anticipation of our family moving from the Washington and he'll no longer be able to perform the duties necessary as Treasurer. Now, the question is what will I do? For now, our family's plan is for Gary to spend a few weeks at home getting the house ready to sell, then he'll go on to his new job. The kids and I need to finish out Spring Quarter which will keep us here until about June 20th. Then we'll be leaving as well. Unless this plan somehow changes, that's our current situation.

What about the Bark?

A couple of people have reminded me that Kathleen was Editor of the Bark for some time and she didn't live in the area. That's an idea but then I wouldn't be around to attend meetings and other club events. And I wouldn't be able to listen to the repeater where so many members gather. I don't think I could do a good job from a distance.

So we'll see what happens to my job as Editor of this newsletter.

Where are we going to go? Just in case you are curious - Gary's had nice job offers from companies in Menlo Park, California (Silicon Valley), Melbourne, Florida (near Cape Canaveral), and Columbia, South Carolina.

Stay tuned for next month's issue - by then we should have made a decision of where we are going to go. Then I'll probably have to figure out how to use the IRLP to listen to you all on the repeater....

Lynnette Martek, KD7BVO
lmartek@cs.com
308 118th Ave Ct E.,
Edgewood WA 98372
253-826-0184



Amateur Radio License Instruction at RCT

he next no-code Technician Class will be held Sat. & Sun. April 5th and 6th at the clubhouse.

nyone interested in the no-code Technician licensing classes should contact Jerry W7BUN at 253-845-7652 or 7bun@wa.net for information. The no-code tech classes have been filling up so if you, or someone you know, wants to take the class, encourage them to contact W7BUN to be sure to get in the next available class.

Radio Classes Offered

The next General Class course will start April 14th. Contact Jerry, W7BUN, for details - 253-845-7652 or w7bun@wa.net.

(President Continued from page 2)

quette.

First rule is to keep your contact short and to the point. Make contact and move your chit chat to a simplex frequency.

Repeater contacts on the average should not exceed ten minutes. Repeaters are primarily designed to assist with mobile communications. During commute times they are subjected to high volumes of traffic.

Please be considerate and let everyone have a chance.

Use plain English. Talk like you would on the phone. Save your radio lingo for side band. If you hear someone ask, "Is this frequency is in use", and you are not currently using it don't key up to say anything. After all it is not your frequency to delegate. The operator asking is listening for silence, not asking for someone's permission. The repeater does not require a net control 24 hours a day. Please don't try to mediate every contact on the repeater.

If you would like to speak to someone you hear in a QSO you should wait until they are finished then call the person by call sign. If you just put out your call after the QSO no one knows what you want to happen. If you need to interrupt a QSO use your call sign between transmissions.

Do not use the phrase "Break." Break should only be used in the case of an actual emergency.

If you hear someone give their call sign please yield the frequency. They may have a genuine emergency. We must trust operators not to interrupt just to make their presence known.

If you are looking for a random contact on a repeater give your call sign and say monitoring. Do not call CQ. CQ is used to seek contacts on side band or CW.

One more thing I would like to cover. We've all heard enough negative comments on the air about the courtesy tone and the way the control ops are handling the repeater. If you have something to say about these things please send me an e mail or call me on the phone. 73 de kk7qs

(Contact info for KK7QS can be found on page 3)

(Minutes Continued from page 4)

Radio Club of Tacoma General Membership Meeting March 12, 2003

Meeting opened at 1932 hours with the Flag Salute led by Mick, KK7QS.

Introductions were made around the room.

Illness or Silent Key: Dana, KD7KPZ; Wade, WA7OHG; and Roger, WA7ANJ were all a little under the weather.

Correspondence: Insurance paperwork, address corrections, 2 bills, memberships, and newsletters.

Treasurers Report: In the Bark.

Announcements: The club has some new chairs that Jerry, W7BUN, got for us at a good price. He also reported that the coax had been shipped. Mick, reported that Bob, W7EG and Mike KB7ZDR have volunteered to work on the packet station. Mark, KD7NEV arranged for a donation of some carpet to the club. Rich, N7ANF, announced the club trip to the Radio Museum in Bellingham this Saturday. He also spoke of the upcoming Mother's Day breakfast. It will probably be free to all this year. Roddney, KD7SXZ, spoke of a 2 meter SSB net on 144.230 at 6 P.M. nightly. Mickey, KD7NUV reported that a group was meeting at the Poodle Dog Monday at noon to talk about Echo Link.

Program: Tonight's Program. How to tune a gamma match, presented by Dave, WA7RSO.

Committee Reports: Frank, AC7JY stated that the Hamfest still needs of help. Jerry, W7BUN, announced that we still need lots of help with Field Day, and we really need some shelters. Training: A General clas starting this week, and the April cl is half full. The April Technician cl has a few slots still open. Upcoming programs APRS next meeting. Mer bership, Scott, NF7Y reminded us t renewals are due by the end of the month.

Hints and Kinks: Dick, K7ITX, demoed a thermostatically controlled to cool your radio. Jean, KB7SVX, showed a way to anchor the screwdriver motor in the tube. Al, AC7B reported on tracking down some noi in his neighborhood. David, KD7UI reported on some cordless VHF pho that are not FCC approved and cau interference on 2 meters.

Tuning and Traffic: Loggers Certifi cates were presented to Mick, KK7(Fred, KC7OKS; John, AC7LK, 30 c tacts; Doug, KD7SQR, 20 contacts; and David, KD7UBI, 20 contacts.

Drawing: Door prize wire connectio kit won by Pete, KK7QW, (It Sings) 50/50 for $55.50 won by John, AC7I

Number signed in as present was 6

Adjourned at 8:50 p.m.

Respectfully Submitted,

Ed Root, KC7OKS, Secretary

LICENSE UPGRADE CLASS

General Class upgrade course will start April 14th.

Contact Jerry, W7BUN, for details Reserve your seat now!

253-845-7652 or w7bun@wa.net.

What do you do with a Rubber Ducky? By Rich N7ANF

Well here it is April already, wow time flies when you're having fun. The trip to Bellingham is over, and I'm sure we had fun, because for me it's only March 12th as the deadline for the Bark is the 15th. So I'll have to come back and tell myself what a great time we had. If you're confused, how do you think I feel?

Been listening to the 147.28/88 repeater and boy has it been busy, with most every one with strong signals which means only one thing: "You're building two meter antennas and putting them up on your roofs". Sure sounds better than a rubber ducky. And don't be ashamed about using your hand held with a good high antenna, or a mobile 1/4 wave ground plane or 5/8ths. Most anywhere around Tacoma if you have a good antenna with only 1/4 watt, you can make it just fine into the 28 machine.



Now the Club's 440 machine and I have a problem as I can't get into it from my qth and that's got to be because I am only using (you guessed it) "A RUBBER DUCKY". I do have a Cushcraft ARX 270, 2 meter and 70 cm (440) antenna that works fine which I should put up on the front (west side) of my house. I don't think RCT's 440 repeater co-linear aluminum quad folded dipole (that's an antenna kids) is doing that good. But it is on the East side of the tower, about 3/4s of the way up. So it should be a direct shot for me.

I sure like the turnout on the 2 meter net on Tuesday nights, man what a great bunch of fun. I really think we're past ready for a more structured net where we call for early check-ins and announcements (as before) and then from a list of regulars, then ask for late, gust, or missed check-ins. I do think it's getting to be a bit hard on the poor net control. We do have a ready made list of regulars that we publish. It wouldn't be much extra work and I think it would run much smoother.

The 10 meter net could sure use a boost. That's 28.375 mhz. Sunday evenings at 8 pm. So see Jerry W7BUN about getting into his upgrade class. You might check with Angela KC7EQ for code help.

That's all for now kiddies, 'till May and Mothers Day Breakfast Sunday the 11th. See ya! Rich, N7ANF



WANDERING THROUGH THE IRLP
with Dick K7ITX and Wade WA7OHG

A few nights ago while monitoring the IRLP activity, I heard Robert KD7TRB bring up the Tasmania node. He was joined by Judd KD7QYU and Mickey KD7NUV. They made contact with Ken VK7DY and Ian VK7IR.

Ken said they had been having a terrible drought causing the earth to form large cracks and he was afraid he was going to loose his German Shepherd in the cracks.

Ken and Ian said the townfolks got together and had a "nude women's rain dance" on the beach. They said it worked, as it's raining cats and dogs. So, Ken doesn't have to worry about losing his German Shepherd anymore.

Ken suggested that we should hold a "nude women's sun dance" on Puget sound to warm us up. (You never know what you are going to hear on the IRLP.)

I thought Robert and Judd were going to have to sit on Mickey to keep him from buying an airline ticket to Tasmania. Hi Hi

Two new nodes have contcted our IRLP. One is from Idaho node #8250 KC7TIG. The other is from LaPorte, Pennsylvania node #4038 N3XXH. I worked Loren KB3FHS on this node. Loren is from Tawanda, PA and was happy he could hit a repeater with a node as he lives in the northeast corner of Pennsylvania.

I also ran some tests with a simplex node from Moses Lake, WA. The tests were successful but not ready to put on the air yet.

73, Dick K7ITX

Letters to the Editor

Subj: Page 18 "Six year old Oregon girl gets General Ticket"

From: k7etu@arrl.net (Jerry Hathaway)

I was one of the VE's that administered her test. We had a VE ready to read the questions to her but she said she could do it herself and DID.

73, Jerry Hathaway, k7etu@arrl.net RCT Life Member

Subj: screwdriver ant

Date: 3/21/03 8:35:52 PM Pacific Standard Time

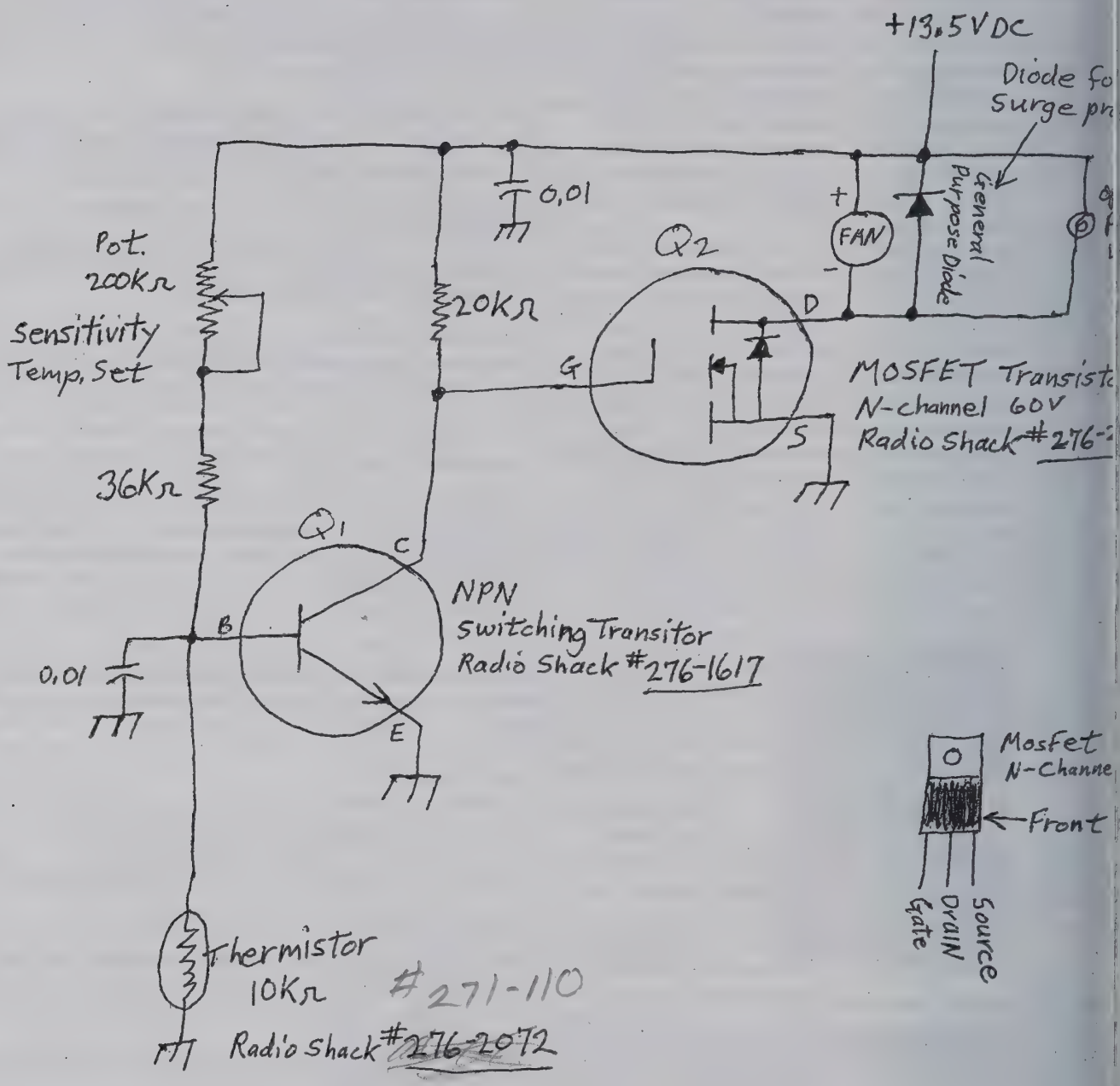
From: dr.severeid@juno.com (Donald R Severeid)

I understand there was a club program recently on building a screwdriver antenna. Wonder if I could obtain a copy of this information-- any unfinished ??

I am a member of DK (K7LMN)--and winter in Az

Thanks-Don :-)

AUTOMATIC TEMPERATURE-CONTROLLED FAN by Dick, K7ITX



All parts from Radio Shack

(Not necessary to heat sink Mosfet)

Parts mounted on a perforated board.

All resistors 1/4 watt.

The fan circuit is completed to ground when Q_2 is turned on.

Shopping list of Radio Shack parts:

NPN Switching Transistor Radio Shack #276-1617

MOSFET transistor N-channel 60v Radio Shack #27
2072

Thermistor 10 kiloohms Radio Shack #276-2072

MUSEUM MUSINGS by Worth W7WG

Forward to the Past: Amateur Radio during the Last Century

The title of this section, "Museum Musings", was invented a few years ago by Kathleen Nace, former editor of the Bark. This month, I wish to randomly "muse", not only about museums, but also about personal and friends' experiences in which amateur radio was important.

In recent years, especially among the gray and/or bald-haired set, a favorite question is, "Where were you when Pearl Harbor was bombed?" followed by, "Then what did you do?" Since so many in our club fall into that category, it would make an interesting article to hear or read responses from some of our members. What is your answer? What about other wars? Send it to editor Lynette for future Barks.

Because the two World Wars are so intwined with Amateur Radio, I quizzed the most antique members of the museum set. Morel, W6LIX, told me that he and a buddy were riding a streetcar in Toronto when news the Japanese bombing attack on Pearl Harbor came through.

They were a bit off-limits so they hurried back to his U.S. Navy group where they were studying in a Canadian military radio school in London, Ontario, learning about the new, highly secret, method of tracking aircraft and ships, called "RADAR".

At that time, even the word "radar" was classified and all class notes were kept in a safe.

While early radar principles were discovered in the U.S., England developed radar applications in their universities' research laboratories to be warned about approaching German bombers during "The Battle of Britain".

So our radio oriented military men were sent to Canada or Britain to learn, and bring back, the radar techniques for use in our defense, later war, efforts including further development and manufacturing.

Morel described some of the British equipment as rather sloppy and haywire. By that time in his amateur radio experiences (he was licensed at 12 ½ years old) Morel had built his own ham equipment including a superhetrodyne receiver, so he knew what good construction should be. A large percentage of his select Navy class had been hams.

I asked Betty Parks where she and Mac, W6NBD, were on December 7, 1941. She said that she was living in Seattle, after being raised in Alaska, and working in the office of the Alaska Communications System, U.S. Army Signal Corps, in the old Federal Building on 1st Avenue and Marion St. Mac was teaching code in the same building. Shortly after "Pearl Harbor" they met, fell in love, were married, and suddenly Mac was sent for two years to an unnamed location. That location turned out to be on the shores of a frozen lake in the Yukon, where he was put in charge of setting up a CW station to handle traffic for the earliest construction on the Alaska Highway by the Army Engineers for wartime defense purposes.

Originally, Mac had been sent to Seattle to learn Morse code, but because of his years with CW amateur radio operation and copying press wireless for a radio station, within a day he was assigned to teaching the code and later advancements in rank.

Back in the summer of 1934 Mac, on the shores of Lake Elsinore, California, had taught me the code that he had learned during my six-month's absence. He taught me how to build a radio, which had a regenerative detector and one stage of audio, out of old parts scrounged from old radios.

By 1941 I was in my first real job, a year after my CCC experience, saving Sequoia National Park from a possible future Blister Rust invasion and fighting fires. That job was "Radio Operator" for the FCC at $1640 per annum, for which I was qualified because I was a radio amateur and could copy code at 15 wpm.

I was stationed in the Custom House in Boston and I lived near Fenway Park with two apartment-mates, one with an MIT professor who invited the three of us to Sunday dinner at his home near Cambridge on December 7th The professor's wife served a very delicious meal, then we all socialized in the living room. No one turned on the radio. [No one turned on the TV either, for obvious reasons]. Afterwards the same apartment-mate drove us to his church for evening youth services. At the coffee hour (I only drank coke or juice then) all the well dressed young men in that congregation were saying, "I am going into the Navy!" or "I am joining the Marines." As the peace sentiment had been strong, I thought, "What a militaristic group in this church!" Then I was told, "Haven't you heard about the Japanese bombing Pearl Harbor?" I asked, "Where's Pearl Harbor?"

Later that evening back in the apartment I heard on our little wooden-cased radio - just like some we saw in Bellingham at the American Antique Radio Museum last week - President Roosevelt address the nation about "This Day of Infamy..."

The next week in the mail I received three offers of technical radio jobs from the three applications I had submitted months before. I took the job of "junior" radio engineer (no degree, less pay) in the engineering department of the Receiver Division of GE in Bridgeport, Connecticut to gain technical experience before I was drafted.

On December 8th hams were put off the air....for 4 years. As soon as I signed the patent and secrecy agreements, I was told that secret word "RADAR". Then I was briefed on

(Musings continued on page 13)

(*Musings continued from page 12)*

pulse circuits, TR boxes, A-scopes and PPI displays, and assigned to a small engineering group.

We were up-grading the clever, but breadboard circuits sent down from the MIT Radiation Lab into production models to be built on the GE production lines for the US Army or Navy. The Radiation Lab had gotten those original ideas and rough models from those research labs in England during the Blitz.

Later, I was assigned to GE Radar Field Service in NY Navy Yard servicing early model GE 150 megacycle radar, which used high-power pulsed self-excited oscillators, on Navy ships. In GE most of the engineers in radar work had been hams. Amateur radio had been the source of most of the personnel for radar and radio operators for both the Armed Services and in the radio and broadcast industry, later known as the Electronics industry, in both the World Wars.

That is one of the reasons we hams still have frequencies. Other reasons are the communication hams furnish in emergencies on a volunteer basis and the political power of the ARRL and of hams who have become important in industry with its political power.

In the March 14th on line ARRL Letters was the following:: WILL HAM RADIO BE SHUT DOWN IF WAR IS DECLARED? Some amateurs have been wondering if the FCC will shut down Amateur Radio in the event that war breaks out in the Middle East. The short answer is "no."

Just prior to the Gulf War, §214.4(b)(4) of Title 47 of the Code of Federal Regulations was deleted. This section had mandated the ing of all Amateur Radio station except Radio Amateur Civil Em gency Service (RACES) stations the event that the President pro claimed a war or national emerg

The last time Amateur Radio wa shut down was during World Wa although the FCC continued to Amateur Radio examinations.

While the Amateur Radio Servic will not automatically be shut d if the president invokes the War Powers Act, Amateur Radio lice must continue to observe any di tives the FCC may issue in the i ests of national security and of n ing spectrum available for gover ment use."

Where was I when this present l War started?

Writing this Musing.

RADIO CLUB OF TACOMA 147.28 MHZ



TUESDAY EVENING NET

FEBRUARY, 2003

NET CONTROL STATIONS:
FEB 4 KK7QS
FEB 11 KA7IOX
FEB 18 WG7X
FEB 25 K7BUD

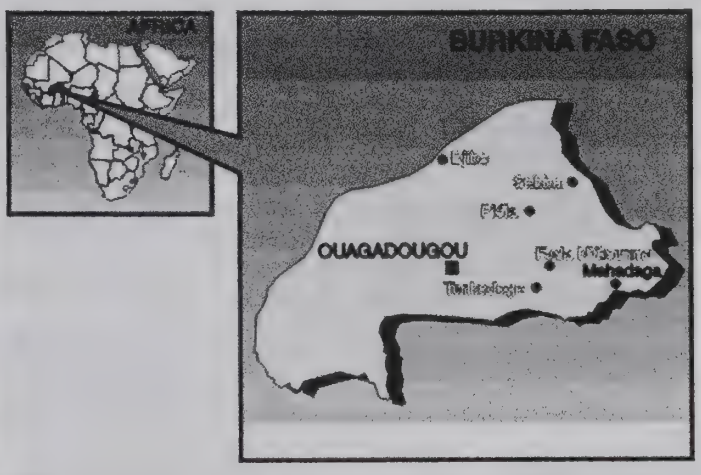


Net Checkins - By Call Sign, Number of Checkins, and First Name

KD6ILO 2 MARIO
KD7AAG 1 MARK
N7ANF 1 RICH
WB7AUJ 1 DAVID
KJ7BN 4 MARILYN
AC7BU 3 AL
K7BUD 2 BUD
W7BUN 3 JERRY
KD7BVO 1 LYNNETTE
KK7CB 1 CHUCK
W7DON 4 DON
W7EC 4 HAL
W7EG 1 BOB
KC7EQ 4 ANGELA
KK7FM 2 GEORGE
KA7HGE 1 GEORGE
K7HW 2 AL
W7IMW 4 JACK
KA7IOX 2 SCOTT
K7ITX 3 DICK
WA7IVO 1 NICK
K7JIL 3 JILL
KC7JME 4 NORA
KC7JPJ 4 BRUCE
AC7JY 3 FRANK
KD7KDD 1 BILL
AC7KQ 4 RAY
AC7LK 3 JOHN
KC7MTN 1 JIM
KD7MVG 1 RAY
KD7NES 3 GWEN
KD7NLI 1 JOSHUA
KD7NPT 2 TODD
KD7NUV 4 MICKEY
WA7OEE 3 RON
WA7OHG 4 WADE
KC7OKS 4 ED
KB7QAG 4 JEFF
KD7QBF 1 MIKE
WB7QCK 4 BOB
N7QOZ 4 BOB
KK7QS 3 MICK
KK7QW 2 PETE
KD7QYS 3 TROY
KD7QYT 1 STEVE
KD7QYU 1 JUD
N7RHX 1 JIM
KD7RKX 2 LARRY
K7ROL 3 CAROL
W7RW 1 ANDY
KD7RWT 1 GINO
W7SKI 4 BOB
KG7SM 1 BOB
KD7SXU 4 GARRY
KD7SXY 1 JIM
KD7SXZ 4 RODDNEY
KD7SYF 2 CHRIS
KC7SYW 2 MARY
KD7TJE 1 JIM
KD7TQO 4 CHRIS
KD7TQW 4 LARRY
KD7TQX 4 ADAM
KD7TRA 1 RANDY
KD7TRB 1 ROB
KD7TRD 1 RICH
N7TZQ 3 DENNIS
KU7U 1 GEORGE
KD7UAA 4 BOB
KD7UBI 4 DAVE
KD7UBL 2 SHAWN
KD7UBO 1 PAUL
KD7UBR 2 KIRK
AC7UJ 1 PAUL
KD7UKN 1 SHAUN
N7UNO 1 ALAN
KC7VUM 1 LOU
W7WG 1 WORTH
N7WGF 1 RUTH
AB7WJ 4 BILL
AC7WW 2 JOHN
WG7X 3 GARY
KJ7XJ 1 ERIC
KC7YUC 1 BOB
KB7ZDR 3 MICHAEL
KD7ZWG 1 MARTY

QSL Card of the Month





urkina Faso (formerly Upper Volta and also known as the oltaic Republic) is in Western Africa, north of Ghana.

he country is a landlocked savanna cut by the three prinpal rivers of the Black, Red, and White Voltas. The terin is mostly flat.

ıdependence from France came in 1960. Recent droughts ıd desertification are severely affecting agricultural acvities.

The population of 12 million is currently suffering the effects of excess mortality due to AIDS. Several hundred thousand farm workers migrate south every year to the Ivory Coast and Ghana.

According to the latest statistics available by the IARU (1995), there are 2 club stations and 6 individual station licensees in Burkina Faso making it a rare contact indeed and a destination for DXpeditions.

Taken from Western Washington Section News on the Internet:

SHORTWAVE BROADCAST PROGRAMS & STREAMING AUDIO



Here are links to some of the major SW BC networks of the mid-east

BBC = http://www.bbc.co.uk/worldservice/programmes/index.shtml

Deutsche W.=www.dw-world.de/english/0,3367,1453-184677,00.html

Radio Israel=http://www.israelradio.org/sw.htm

Kuwait Radio=http://www.moinfo.gov.kw/eng/freq/sw.htm

Turkey=http://www.bcinews.it/b02schedules/turchia.htm

Iran=www.irib.com/worldservice/englishRADIO/default.htm

Russia=http://www.vor.ru/world.html

France=www.rfi.fr/fichiers/Langues/rfi_anglais_main.asp

Netherlands=http://www.rnw.nl/en/html/northamerica.html

de Ward N0AX

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hallenge Answers!

HE CHALLENGE OF THE MONTH FOR FEBRUARY WAS: "Two resistors are in series across a five-volt battery. One esistor is two ohms, and the other is dissipating two watts. What is the current flow in the circuit?

EBRUARY'S ANSWER: Two answers: 1/2 amp or 2 amps.

HE CHALLENGE OF THE MONTH FOR MARCH WAS: Solve for the Letters

/here C > 2, all digits are >0, and each letter represents a different whole number digit (no fractions). Solve for each let-er. The answer is: 9867/3289=3 Only one person solved it (at least that's all who reported having solved it). ongratulations to Jerry, K7ETU!

$$\frac{\text{STOP}}{\text{CUTS}} = C$$

NEW MEMBERSHIPS: WELCOME!

Our membership chair, Scott, NF7Y email address is: NF7Y@comcast.net

GARY MORTON KB7KOA RCT 2177
10324 137TH ST E
PUYALLUP, WA 98374
253-446-9452
KB7KOA@COMCAST.NET

MORRIE PIGGOT KD7UGE RCT 2178
8222 86TH AVE NW
GIG HARBOR, WA 98332

DAVID SCHATTILLY KD7UBI RCT 2179
P.O. BOX 44899
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253-535-2612
KEIICHI@EARTHLINK.NET

BRUCE MACKEY KD7HAQ RCT 2180
32022 8TH AVE S
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253-843-2740
BMACKEY@ICCTOOL.COM

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GFOREMAN@CO.PIERCE.WA.US

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KINGPIN1946@HOTMAIL.COM

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14010 SE 198TH PL
RENTON, WA 98058
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DOC-RAT@ATTBI.COM

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TACOMA, WA 98444

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SOFRACS@AOL.COM

GWEN SCARFO KD7QBP RCT 2186
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PUYALLUP, WA 98373-8215
253-535-3499
SOFRACS@AOL.COM

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425-237-8240
MYKTZ@FOXINTERNET.NET

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6028 GARCIA BLVD, APT D
FORT LEWIS, WA 98433
253-964-0588
HTDOVALINA@MSN.COM

MIKE SEXSMITH KD7UBD RCT 2189
3723 42ND ST ST NW, #A
GIG HARBOR, WA 98335
253-851-4563
MIKESEXSMITH@HOTMAIL.COM

CHARLES ASHCRAFT KD7LZS RCT 2190
1208 N. MONROE
TACOMA, WA 98406

SHAUN LINDBERG KD7UKN RCT 2191
922 73RD ST CT E
TACOMA WA 98404
Email rebelradio311@msn.com

ELISE LINDBERG KD7UKM RCT 2192
922 73RD ST CT E
TACOMA WA 98404
Email rebelradio311@msn.com

Callsign Change

Richard Patrick formerly KD7TRD is now AE7RW

Silent Key: Al Charop, KA7BRT

MEMBERHSIP RENEWAL RE MINDER

Just a reminder that the membe ship renewal season ended on 3 March 2003. Those who have no renewed will be dropped from th BARK list, not receive a club ro ter, and lose their voting eligibil ity. If you have any questions please contact Scott, NF7Y at 25 925-8637 or nf7y@comcast.net. You can also contact Jerry, W7BUN, at 253-845-7652 or at w7bun@wa.net.

Welcome to All New Members!

We hope you enjoy you affiliation with the Ra dio Club of Tacoma and will invite your friends to join us.

Please stop by the Clu house on Saturday mornings and come to the club meetings and events so we can all ge to know you better.

Again, welcome - we're glad you're here!

Our Condolences to His Family: Silent Key - Al Charop, KA7BRT, was a mem ber of the Radio Club of Ta coma.

A membership application is included in this month's edition of the Bark - use it for yourself to renew or pass it along to a friend!

News from the ARRL by Jerry W7BUN

'ILL HAM RADIO BE HUT DOWN IF WAR IS DECLARED?

ome amateurs have been ondering if the FCC will ut down Amateur Radio in e event that war breaks t in the Middle East. The ort answer is "no."

ast prior to the Gulf War, 14.4(b)(4) of Title 47 of the ode of Federal Regulations as deleted. This section d mandated the closing of l Amateur Radio stations cept Radio Amateur Civil mergency Service (RACES) ations in the event that the esident proclaimed a war national emergency. The st time Amateur Radio was ut down was during World ar II, although the FCC ntinued to give Amateur adio examinations.

hile the Amateur Radio ervice will not automatilly be shut down if the esident invokes the War owers Act, Amateur Radio censees must continue to serve any directives the CC may issue in the interts of national security and making spectrum availble for government use.

he FCC is directed to work coordination with the Naonal Telecommunications nd Information Administraon (NTIA) to issue ppropriate rules, regulaons, orders and instrucons" for use of the spectum "as may be necessary ensure the effective use of ose portions of the radio pectrum shared by governent and non-government sers."

mateurs share most UHF llocations with the US government.

ARRL EXPRESSES CONCERNS ABOUT HAM RADIO IMPACT OF 70-CM CHANGES

The ARRL says two FCC-proposed actions could negatively affect Amateur Radio. One would substantially expand the geographical area in the US subject to power limitations on 70 cm. The other would deploy National Weather Service wind-profiler radars in the 448-450 MHz segment.

"The Commission has proposed two actions that have a potentially substantial adverse impact on a large number of Amateur Radio operators in this proceeding," the ARRL said in comments filed this month in ET Docket 02-305. "In each case, the Commission can minimize that impact."

In a Notice of Proposed Rule Making (NPRM) late last fall, the FCC proposed on behalf of the National Telecommunications and Information Administration (NTIA) to--among other things--more than double the size of the geographical area in New Mexico and Texas where amateurs in the 420-450 MHz band would be limited in power to protect military radiolocation service operations.

Amateur transmitters in certain geographical areas already are limited to 50 W PEP "unless expressly authorized by the FCC after mutual agreement, on a case-by-case basis" between the FCC district director and the applicable military frequency coordinator--§97.313(f). The NPRM also reflects action by NTIA specifying the operation of federal government wind profilers in the band 448-450 MHz.

Acknowledging that the Amateur Service is secondary to government services in the band, the ARRL nonetheless asked the FCC to ensure that the affected zone in Texas and New Mexico "is minimized as much as possible, consistent with protection of military facilities." The ARRL also requested the FCC to create "a streamlined procedure for case-by-case exemptions" from the power restrictions.

"It is difficult for ARRL to address the contention of the Army that amateur power in excess of 50 W PEP in the additional protected areas requested by the Army would cause interference to military radiolocation facilities involved in missile tracking," the League said in its comments, "because the claim made by the Army is not substantiated by any technical information."

The proposed area would include all of New Mexico and all of Texas west of 104 degrees W longitude. The ARRL said it was "not intuitively obvious" that such a large restricted area was necessary.

The ARRL concluded that a 50-W power restriction was "not a substantial burden" on many FM repeater users but that it could mean lowering the outputs of some critical repeaters used for emergency and public service work or taking them off the air altogether. It also could affect so-called weak-signal, experimental and Earth-Moon-Earth operations, the ARRL said. More than five dozen repeaters in the affected region could be affected, the League estimated.

Concerning the wind profilers, the League said it had understood that the National Weather Service--which operates the radars--would notify ARRL of their locations as selected. "Ideally," the League said, "since the amateur repeaters are incumbent in the band now, the National Weather Service should select sites that minimize the effect on those repeaters."

The complete text of the ARRL's comments, the FCC NPRM and other documents are available via the FCC's Electronic Comment Filing System (ECFS) site <http://www.fcc.gov/cgb/ecfs/>. Click on "Search for Filed Comments" and enter "02-305" in the "Proceeding" field.

Summits on the Air (SOTA) Encourages Portable Hilltop Operation

Richard Newstead, G3CWI, is encouraging participation by US amateurs in the Summits on the Air (SOTA) program, which promotes portable, hilltop operation.

"It started about a year ago, and, so far, seven countries

(Continued on page 17)

(Continued from page 16)

have schemes running," Newstead told ARRL. "The scheme is based on a core set of rules, and each country



adds its list of summits to enable it to participate."

Newstead says the list of summits need not be comprehensive but must include a mix of easy and difficult peaks. He says there are awards for both activators and chasers.

Details are available on the SOTA Web site <http://www.sota.org.uk> or by contacting SOTA General Manager John Linford, G3WGV, <g3wgv@aol.com> <mailto:<g3wgv@aol.com>>

AMATEUR RADIO SPECTRUM PROTECTION ACT REINTRODUCED IN US HOUSE

The Amateur Radio Spectrum Protection Act has again been introduced in the US House of Representatives.



The measure is an ARRL legislative initiative. Florida Rep Michael Bilirakis put the latest version of the bill, HR 713, into the legislative hopper on February 12. It has been referred to the House Committee on Energy and Commerce. When last introduced in 2001, the measure was known as HR 817.

The House bill already has two cosponsors, Reps John Boozman, Arkansas, and Patrick Tiberi, Ohio. Both cosponsored last year's bill.

HR 713 is aimed at ensuring the availability of spectrum to Amateur Radio operators. It would protect existing Amateur Radio spectrum against reallocations to or sharing with other services unless the FCC provides "equivalent replacement spectrum" elsewhere. Bilirakis, a Florida Republican, has twice before sponsored similar legislation at the League's recommendation. A Senate version of the bill is pending.

The measure would amend the Communications Act to require the FCC to provide "equivalent replacement spectrum" to Amateur Radio and the Amateur-Satellite Service in the event of a reallocation of primary amateur allocations, any reduction in secondary amateur allocations, or "additional allocations within such bands that would substantially reduce the utility thereof" to amateurs.

The 2001 version of the measure attracted 53 cosponsors in the House but last spring became one of many pieces of legislation caught up in the so-called "Enron logjam," during which the Internet and Telecommunications Subcommittee did not meet, although its full committee, Energy and Commerce, held numerous hearings concerning Enron.

The ARRL is urging members of the Amateur Radio community to contact their representatives in Congress and request that they cosponsor HR 713. Experience has shown that, while most members of Congress understand and appreciate the benefits of Amateur Radio, some may be reluctant to sign onto a technical piece of legislation without some indication of support from their own constituents. A sample letter is available on the ARRL Web site.

The text of HR 713 is available via the Thomas Web site <http://thomas.loc.gov/>. Enter "HR713" in the "Bill Number" window. ARRL asks that members soliciting their members of Congress to cosponsor this legislation to copy their correspondence to the League via e-mail to specbill03@arrl.org <mailto:specbill03@arrl.org>.

HOLLINGSWORTH PREACHES COURTESY, COMMON SENSE

FCC Special Counsel Riley Hollingsworth told those attending his forum at the Richmond, Virginia, Frostfest that Amateur Radio enforcement still has a long way to go, but that amateurs can do a lot through peer pressure to head off problems before they become enforcement issues.

"Enforcement is no substitute for courtesy and common sense," Hollingsworth declared. "More courtesy would go

"Operate so that listeners will be impressed with Amateur Radio." Riley Hollingsworth

a long way. Hollingsworth again suggested that amateurs "operate so that listeners will be impressed with Amateur Radio," not offended or turned off by it. He said awareness of Amateur Radio is on the rise in the wake of media attention since September 11, 2001, and, more recently, with ham radio assistance in the search for debris from the shuttle Columbia. He pointed to 20 and 75 meters as the current enforcement hot spots as well as the bands where the least courteous operating practices are found--some of which he described as "a disgrace" to the Amateur Service.

Off-the-air peer pressure, he said, is an effective tool to vide guidance to amateurs who may be unaware of h they sound to others on th air. The reactions of some hams when they confront terference--or perceived in ference--can be worse than original interference--whe or not it's deliberate. "Don overreact," Hollingsworth vised. "The best reaction i reaction whatsoever."

"You have to always be aw of your image and be willi protect it," he told those g ered in the packed forum. "You can't shoot yourself i the foot." More than 1000 tended the Richmond Fros fest, sponsored by the Rich mond Amateur Telecomm cations Society <http://www.rats.net/>.

The use of new technology on-the-air experimentatio also sometimes brings con versy to the amateur band Hollingsworth said, and m prompt an occasion for the FCC to revisit its current 97 Amateur Service rules. Hollingsworth pointed to t use of so-called "enhanced SSB," where experimenter have been attempting to achieve full-carrier AM-lik high-fidelity audio in that mode. Hollingsworth said presence of the enhanced S experimenters has led to c plaints to the FCC--as ma as 20 per week--that these signals are taking up exce sive bandwidth.

"Deliberately operating a wideband mode a crowded spectrum "shortsighted and rude..."

Hollingsworth told his Rich mond audience that delibe ately operating a wideban mode in a crowded spectru "shortsighted and rude," m be ignoring the "minimum bandwidth necessary" rule

(Continued on pag 8)

(ontinued from page 17)

use isn't accompanied by urtesy and common sense, said, it will lead to pressure the FCC to revise the Amatur Service rules.

he "Emission Standards" ction of Part 97--ecifically §97.307(a) and)--requires amateur transissions to not occupy "more bandwidth than necessary for the information rate and emission type being transmitted, in accordance with good amateur practice" and to "not cause splatter" on adjacent frequencies.

Hollingsworth said the bandwidth of a given signal is not easily determined by the average amateur transceiver--even one equipped with a band scope of some sort. He pointed out that the problems with apparent splatter can be aggravated by the use of a noise blanker on the receiving end. "Just because it sounds wide doesn't mean it is wide," he said, adding that he'd prefer the amateur community come up a way to accommodate such experimentation, because "a government solution will be worse than the problem."

> "a government solution will be worse than the problem."

anity Fee Hike PRM Available for lectronic Comment

he FCC says it will have e Notice of Proposed Rulemaking (NPRM) ssessment and Collection Regulatory Fees for Fiscal ear 2003" (MD Docket No. 3-83), available for comment via its Electronic Comment Filing System (ECFS) www.fcc.gov/cgb/ecfs/

he NPRM, released March , includes a proposal to crease the vanity call sign plication (regulatory) fee om $14.50 to $16.30. The osing date for comments on e new fee schedule is April . Reply comments are due May 5. When filing, enter 3-83" in the "Proceeding" eld.

lectronic comments by e-ail also are welcome. To ceive filing instructions for e-mail comments, e-mail ECFS and include the words "get form <your e-mail address>" in the message body. The ECFS will reply with a sample form and directions on filing comments.

ECFS email address: ecfs@fcc.gov

Utah Governor Signs Amateur Radio Antenna Bill

Utah Gov Michael Leavitt has signed that state's Amateur Radio antenna bill. The bill unanimously passed a third reading in the Utah Senate February 14 on a 23-0 vote, less than a month after it was introduced. It had earlier passed the Utah House on a 65-8 vote. Leavitt signed the bill March 15. It becomes effective May 5, 2003.

"Thanks to the hams who originated the bill and defended it in its committee hearings," said a comment on the Utah Amateur Radio Club's "News About UARC and Ham Radio in Utah" Web site. "Thanks also to those who contacted their state senators and representatives and helped assure passage."

HB 79, "Regulation of Amateur Radio Antennas," prohibits municipalities and counties in Utah from enacting ordinances that fail to comply with the limited federal preemption known as PRB-1. The measure will require that local ordinances involving placement, screening or height of an Amateur Radio antenna that are based on health, safety or aesthetics "reasonably accommodate amateur radio communications" and "represent the minimal practicable regulation to accomplish the municipality's purpose."

ARRL Utah Section Manager Mel Parkes, AC7CP, has credited Mike Davis, KD7FQD, and John Hanson, KI7AR, for developing the bill and getting Hendrickson to sponsor it. A copy of the legislation is available on the Utah State Legislature Web site.

Utah becomes the 17th state to enact an Amateur Radio antenna bill. PRB-1 bills are under consideration in several other states, including New York, New Jersey and California.



Taken from Western Washington Section News on the Internet:

SHORTWAVE BROADCASTS FROM THE MID-EAST

4709, 6712, 6739, 8992, 11,175, 11,271, 11,175 kHz

Egypt, Radio Cairo on 9900 at 2315 UTC

Iran, Tehran on 9022 at 1030 UTC (also on 9835)

Iran, Check 13,730 and 13,745 at 1330 UTC

Israel, Lol Israel on 6280, 7475, 9435 at 0400 UTC

Kuwait, On 11,990 kHa at 1800 UTC (Also 15,110 kHz)

Syria, Radio Damascus on 12,085 at 0500 and 2000 UTC

Turkey, Ankara on 11,960 and 12,000 at 2100 UTC

Iraq, Radio Baghdad on 11,787 1100 UTC

de Bill Frazier, W7ARC



RADIO CLUB OF TACOMA
PO BOX 11188
TACOMA, WA 98411-0188

[ ] NEW MEMBER (ONE APPLICATION PER MEMBER)

[ ] RENEWAL (ONE RENEWAL FORM PER FAMILY OK)

MEMBER CATEGORY: [ ] FULL [ ] SENIOR [ ] ASSOCIATE [ ] FAMILY [ ] LIFE [ ] STUDENT [ ] REINSTATEMENT

Name_____ Call_____ Class_____ Birthday_____

Address_____City/State_____

Zip+4_____Home Phone(____)_____ Work Phone(____)_____

e-mail address_____Publish phone number/e-mail in the Club Roster? Yes [

Former Call(s)_____

Are you a Volunteer Examiner ? Yes [ ] No [ ] If Yes, which VEC? ARRL [ ] W5YI [ ] Other [ ]

Occupation (or former occupation)_____

Are you a member of: ARRL [ ] ARES/RACES [ ] MARS [ ]

FAMILY MEMBERS NAME, CALL, AND LICENSE CLASS (RENEWALS ONLY)

_____

_____

_____

THE RADIO CLUB PARTICIPATES AND SUPPORTS THE FOLLOWING ACTIVITIES EACH YEAR. PLEASE MARK THE BOX I
FRONT OF THE ACTIVITY OR ACTIVITIES THAT YOU WILL HELP SUPPORT. WE NEED YOUR HELP AND SUPPORT, PLE/
CONSIDER AT LEAST ONE ACTIVITY THAT WE CAN COUNT ON YOU TO SUPPORT. PLEASE CHECK THE FIRST BOX IF
ARE EXPERIENCED OR ALREADY INVOLVED. CHECK SECOND BOX IF YOU WOULD LIKE TO LEARN MORE ABOUT TH

[ ] [ ] DIGITAL COMMUNICATIONS	[ ] [ ] VE TEAM	[ ] [ ] EMERGENCY COMMUNIC
[ ] [ ] FIELD DAY	[ ] [ ] PUBLIC RELATIONS	[ ] [ ] CLUB NEWSLETTER
[ ] [ ] ANNUAL FLEA MARKET	[ ] [ ] TEACHING CLASSES	[ ] [ ] CONTESTS
[ ] [ ] BOOTH AT THE WWA FAIR	[ ] [ ] ANTIQUE RADIOS	[ ] [ ] VHF/UHF
[ ] [ ] WORKING WITH YOUTH GROUPS	[ ] [ ] DX	[ ] [ ] EXPERIMENTATION

Other hobbies, interests, skills:_____

Club badges are available for $9.00. If you would like a badge, please PRINT the following:

Badge Name_____ Badge Call Sign_____

Applicant's Signature_____ Date_____

ANNUAL MEMBERSHIP DUES: FULL OR ASSOCIATE MEMBER $30
FAMILY MEMBER (AT SAME ADDRESS, FIRST TWO) $15 EACH (ALL ABOVE 2 ARE FR
SENIOR MEMBER (65 AND OVER) $25 FULL-TIME STUDENT (UP TO AGE 25) $15
LIFE MEMBERSHIP = 20 TIMES ANNUAL DUES (PAYMENT PLAN AVAILABLE)
Seven dollars ($7.00) of your annual dues is for the Club's monthly newsletter (The Logger's

FOR RCT USE ONLY

Dues received $_____ Treasurer's initials_____ Date_____

Badge fee rcvd $_____ Treasurer's initials_____ Date_____

Receipt Number_____ **Radio of Tacoma Membership Number**_____

THE LOGGER'S BARK

Radio Club of Tacoma, Inc.

P.O. Box 11188

Tacoma, WA 98411

NON PROFIT ORG.

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TACOMA, WA

PERMIT NO. 1078

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May, 2003 EVENTS

[ay 3 - Pinochle Potluck

[ay 7 - Board Meeting, 7:30 p.m. Clubhouse - All members welcome

[ay 11– Mother's Day Breakfast



HAPPY MOTHERS DAY

[ay 14 - Club Meeting - Library Administration Center, 7:30 PM

Program: The AARL Field Organization by Harry Lewis W7JWJ

[ay 13 - License Testing - 7 PM, Clubhouse

Jay 15 - BARK deadline - PLEASE *please* get articles, columns, etc. in by that time!

[ay 28 - Club Meeting - Library Administration Center, 7:30 PM

Program: Understanding Message Handling

Support OUR club - Attend meetings, volunteer, elmer.

Check in to the 2-meter Net every Tuesday night at 7:30, on 147.28. Hear additional information on programs and other events.

Check in on the 10 Meter Net every Sunday evening, 8 PM, on 28.375 MHz USB

See page 8 for meeting program schedule. Check the weekly net for updates to the program schedule.

YLs - Check in to the YL Net on the 147.28 repeater every Monday at 8 PM.

W7DK EVENTS CALENDAR

May 2003

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1 DICK LOTTIE KG7WF *	2 GARY MCFADDEN KD7UKD * BRUCE MACKAY KD7UAQ * JOHN ARENA KB7TGE *	3 W7DK Open House 10:00 AM - 2:00 PM ROBERT DARDIS KD7OPG *
4 8:00 PM 10 Meter Net - 28.375 MHz	5 Week 18	6 RODNEY SAUCEDO KD7SXZ * 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	7 7:30 PM RCT BOARD MTG	8 DAVIS LLAPITAN JR KG7OP * ANDREW EVANCHO JR WA7JGO *	9	10 W7DK Open House 10:00 AM - 2:00 PM DICK GIGUERE KA7FXQ *
11 Mother's Day 8:00 PM 10 Meter Net - 28.375 MHz	12 Week 19	13 AL CHURCHILL AC7BU * SHELLEY BURGESS W7ATB * 7:00 PM RCT LICENSE EXAMS 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	14 NILS OLSON N7BCV * 07:30 7:30 PM W7DK GENERAL MEMBERSHIP MEETING	15	16	17 W7DK Open House 10:00 AM - 2:00 PM
18 8:00 PM 10 Meter Net - 28.375 MHz MIKE WINGREN KD7QBF * DANNY BURGESS KC7KAN *	19 Week 20	20 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	21 WADE PALMER WA7OHG *	22	23 LARRY ALVAR KD7TQW * GARRY HORST KD7SXU *	24 W7DK Open House 10:00 AM - 2:00 PM KERRY WEBSTER WB7AKE *
25 8:00 PM 10 Meter Net - 28.375 MHz LYNETTE MARTEK KD7BVO * KATHLEEN NACE N0EYK *	26 Memorial Day JOHN BLACK N7KN * Week 21	27 WALTER PETERSON KA7IOX * RICHARD RYAN W7RGD * 7:00 PM ARES NET 145.37R 7:30 PM RCT NET 147.28R	28 7:30 PM W7DK GENERAL MEMBERSHIP MEETING	29 STEPHEN RUSSMAN WB7WUX *	30 SIGNE TWARDOWSKI W3IIJ * JAMES BILLINGSLY N7RRK *	31 W7DK Informal Flea Market W7DK Open House 10:00 AM - 2:00 PM EDWARD MCDONALD KD7LIL * MARY KELLY W7SKR *

radio club of tacoma W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

ARRL RADIO CLUB OF TACOMA W7DK

VOL. XXXX NR. 5 W7DK MAY, 2003

From the President, Mick KK7QS

To start out this month I would like to give you an update on some of the things that we have been doing around the clubhouse. For starters, we have new carpet in the classroom and the downstairs radio room. We have already replaced the chairs. Next we want go get the tables done. Then we plan to move outside. We will be putting some gravel down in the side lot so when it rains it isn't so muddy. We have been getting quite a bit of activity around the clubhouse on Saturdays and we need the side lot for parking. We have lots of maintenance and projects scheduled, so drop by the clubhouse and give us a hand. We are always around there on Saturdays.

We still have the repeaters to move into their downstairs location.

This should take place soon. Before we can complete this task we will have to do some tower work. We plan to move the 440MHz folded dipole antenna farther away from the tower leg. This will improve the usability of the repeater. Once the repeaters have been moved to their new location they will be more easily accessed for servicing. The packet station and the ATV station will also be located downstairs with the repeaters.

New all mode , all band station for clubhouse.

Once all that has been moved downstairs we will put our new all mode, all band station upstairs with the existing HF station. The club has purchased a new Yaesu FT-847. This radio covers HF through 6 meter as well as VHF and UHF. It operates in all modes and has built in satellite operating features. I'm sure it will be fun for all who use it.
Lets all have fun! "73" de Mick / kk7qs

Events and News Brief

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Hamfest 2003 Update

This is our only fund-raiser for RCT and we will be at a new location this year. Some things will be easier than before-some things will not.

As a group, we need to pay special attention to promoting this event. Last year we had a great crew which made that event a success. We are working on a more refined flier mailing list with hopes of reaching more of the hams that will want to be there.

Spread the word that it's all one building indoors with lots of parking. We're growing. Hamfests are on the upswing. This one, with your help could be bigger and better than ever!

1. I'd like to have it known that if anyone needs fliers for our Hamfest for reasons such as to take to another Hamfest or event, or simply to take them where they might be picked up by interested parties; see Al Burleson K7HW. Also, there will always be fliers at the clubhouse and I will have some.

2. There are many jobs available at the Hamfest. There is a job sign up sheet at the clubhouse and I will always have one with me at the general meetings.

Volunteer Opportunity: Sign-up to help at the RCT Hamfest! - Date is August 16, 2003 at Bethel Jr. High in Graham This is a fun event! Contact Frank AC7JY, the Hamfest chair at AC7JY@msn.com.

RADIO CLUB OF TACOMA – 2003

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Feature writers: See Page 2: Send Articles and Submissions for this publication to: Dawn Pier KC7VZM, d.pier@comcast.net. 253-847-8223

PUBLISHER W7DK PRESS AC7WW -475-5854

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Announcements

>>Radio Club of Tacoma Hamfest 2003 needs volunteers help out in many areas. Meetings are being scheduled now plan for the Hamfest which is in August. Contact Frank, AC7JY the Hamfest chair. *AC7JY@msn.com*

>>>>GET ON THE AIR (and stay there) ! The last Saturd each month is designated as a special club activities day w a mini swap meet and lunch provided by the club. One of t primary purposes is to allow new members to get to know other members, the club equipment, and find Elmers. Brir your questions, problems, equipment, manuals, antennas, even installations. Many knowledgeable and talented peop want to help you.

>>The Elmer Board is published for a reason-use it or vo unteer.!

>>The May Technician Class will be May 3rd and 4th. Con tact Jerry, W7BUN, for details 253-845-7652 or w7bun@wa.net.

>>Needed: Faculty to do the Boy Scout Radio Merit Badge program see info on page 5.

>>Ladies interested in participating in the 20-meter Fie Day Ladies Only band, contact Carol K7ROL 253-564-866 We need all the help we can get. Field Day is the last weel of June.

CLUB MEETINGS: 7:30 PM 2nd & 4th Wednesdays of each month at the Pierce County Library Administration Building, 3005 - 112th Street East, Tacoma, WA

W7DK/Radio Club of Tacoma

147.28 / .88 MHz

147.38 / .98 MHz (PL° 103.5)

144.97 - Packet

440.625 / 445.625 (PL° 103.5)

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 253-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to lmartek@cs.com or mail to Lynnette Martek, KD7BVO, 308 118th Ave. Ct. E., Edgewood, WA 98372. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. *The Logger's Bark* does not verify or guarantee statements in the Swap or W columns. Permission is granted to use any or all portions of a published in *The Logger's Bark* if credit line is included in the re

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The Radio Club of Tacoma is a non profit organization as defin law, and all proceeds will be used exclusively for charitable and cational purposes.

Radio Club of Tacoma Meeting Minutes

W7DK Board Meeting—4/2/03

Present: Mick KK7QS, Nick VA7IVO, John AC7LK, Jill K7JIL, Frank AC7JY, Roger VA7ANJ, Bob N7AHR, June Dalke, Adam KD7TQX, Al K7HW, John AC7WW, Randy KD7TRA, Dick K7ITX, Chuck AC7QN, Rich N7ANF, George KK7FM, Bud K7BUD, Roddney KD7SXE

Health and Welfare: Worth W7WG is apparently doing well after bypass surgery on 3/31 and will hopefully be able to go home by the end of the week.

New Treasurer: Mick has appointed Chuck Kemmer, AC7QN to fill the position left vacant by the imminent departure of Gary W7DO for a new job in South Carolina.

Bark Editor: When Gary leaves, Lynette KD7BVO will not be far behind which means we desperately need a new Bark editor.

Treasurer's report:

Unavailable for this publication. See next issue for update.

Mick reported that the new Yaesu FT-847 has arrived and has been tested with satisfactory results. It will ultimately become part of the upstairs station, particularly for UHF/VHF/satellite work. Will probably need filters for HF use.

New carpet coming soon. Will not use the scraps donated to the club earlier because it is less expensive to have new one-piece carpet than to try to patch together the scraps. The donated scraps will be available for the taking. We will need a work party to remove the old carpet before the new can be installed.

MSP: funds to be allocated for gravel to be laid in the lot adjacent to the house for parking because the area is getting very muddy with the increased use. Will need a work party to spread the gravel when it is delivered.

Logger's Certificate: Nick reports increased interest and activity. Would like to include an announcement in the clubs net protocols to remind people of the certificate.

Rich asked about the proliferation of new nets. John AC7LK reports that there are attempts to increase awareness /proficiency particularly among newer hams with the aim of integrating with emergency services in the future. Older members are encouraged to participate also and support this effort.

Thurs. 8 PM local time: 144.230 MHz USB

Thurs 7 PM local time: 147.500 MHz FM simplex

Malicious interference on the Tues. net 4/1 was masterfully ignored by KK7QS, net control, and all participants. Of concern, however, was that the perpetrator then used the autopatch to dial 911 but hung up before it answered. This must be addressed with a letter to the FCC and the WWARA.

K7HW reminded the Board that Bylaws require that the Club's finances be reviewed annually. Arrangements will be made.

Good of the Order: Boy Scout Camporee at Ft. Steilacoom Park May 16-18 needs a mini Field Day expedition from the club. Should be fun with good exposure.

May Challenge of the Month

You're a member of a DXpedition team going to a rare DXCC island and you're assigned to carry a 40 pound amplifier along with several lengths of coaxial cable. The flight to the island allows 30 kg of carry-on weight. If your coax weighs 4 ounces per foot, how many feet of cable can you carry on board?

Checkin to RCT 147.28 MHz Tuesday Evening Net

Radio Club of Tacoma Awards & Certificates Issue

Logger's Certificate

Joe W7RQ

Frank AC7JY w/2 endorsements

Jill K7JIL w/3 endorsements

Additional Endorsements

Mick KK7QS 1

Logger's Certificates are issued for contacts with 10 RCT members; any mode, any band and all you have to do is report which members you had a contact with to Nick WA7IVO!

e-mail to wjnjr@blarg.com

Community Connections

by Todd KD7NPT

Well, I took the month off last month, so back at it! I have a few to catch up on!

John, AC7LK writes: The RCT hosted an emergency net for the Tacoma-Pierce Co. Red Cross on April 5. Representatives of the local chapter of the Red Cross participated in a earthquake simulation on a pre-arranged 80 meter emergency communications net where pre-planned drill messages were passed.

The Red Cross representatives expressed interest in attending the RCT licensing class scheduled for early May. They also met with the RCT emergency communication committee for the purpose of developing a working relationship with the club. It is anticipated that the club will supply expertise in maintenance of the Red Cross radio equipment as well as operator and a mobile network.

That's great work, John. Best wishes to you in this effort.

Next, I got a brief e-mail from life RCT member Jerry Hathaway. He tells me he has volunteered over 120 hours preparing tax returns for the elderly and low income people as part of being an AARP Tax Aide. Great work, Jerry!

As you can see, we've got the ideas for column ideas rolling so keep 'em coming.

One of these months, possibly next, I will offer up ideas for people to use the HAM skills in the community, so watch for that.

Until next month, 73,

Todd Kelley-KD7NPT

NO-CODE TECHNICIAN CLASS

May 3rd & 4th

RADIO CLUB OF TACOMA

Reservations Needed

Contact Jerry W7BUN, for details

253-845-7652

w7bun@wa.net

Request for Volunteers:

Needed: Faculty to do the Boy Scout Radio Merit Badge program.

I need 12 or 13 people who can commit to 2 days each during the period from July 7 through August 9. The program will take 1 hour per day. A large faculty will spread the load so that no one will be required to spend more than two days at the camp. If I get a favorable response, I will organize a training session for instructors. 73 John AC7LK

ARES/RACES BY SHIRLEY MURPHY, N7QHW

lark Yordy, W7BBO, Emergency Coordinator/RACES Radio fficer is open to any and all ideas from anyone on how you el ARES can best be promoted in Pierce County. Contact him ia email at w7bbo@juno.com.

TTENTION !!! PUBLIC SERVICE EVENTS are happening ow and we NEED your help so please just call Judy, N7NII, id give her your name and telephone number if you can help. you are waiting for your DEM card to come first, DON'T AIT, just say pending when asked for a DEM number. Judy's one number is 253-847-5198.

May 2003, be an exercise involving King, Kitsap and Pierce unties. This is the extent of the information available at this me but keep it in mind for May. Lots of volunteers are always eeded. This was announced at the WWA Section Coordinars meeting that Mark, W7BBO, attended for DEC's and EC's.

tay tuned for future announcements for classes on Level 1, MCOM (Emergency Communications) ARRL Certification urse and First Aid and CPR courses. These courses are availble for interested persons to sign up by accessing the ARRL eb page (www.arrl.org). I have not taken it myself but underand it is very good.

reminder to all, if you are interested in ARES and have HF rivileges, you are welcome to check into the WA States ARES et held on Mondays at 6:30 PM and Saturdays at 9 AM on the equency of 3985 KHz. The back up frequency is 7245 KHz.

ich Heasty, KK7VH, the Net Manager for Pierce County mateur Radio Communications Services nets is still looking r volunteers to help run the net. He may be reached at 360-97-6576 or via email at rheasty@wolfenet.net if you would ke to volunteer to do a net.

hirley Murphy, N7QHW, manages membership applications and aintenance of the roster. Contact Shirley at 253-265-3661 or via nail at sundancealso@harbornet.com regarding any questions or ncerns relating to Department of Emergency Management Worker lentification Cards. A reminder to all that if your DEM card has an piration date during the first 6 months of 2003, contact her for a newal form to get an updated card.

pecial Events Manager is Judy La Fleur, N7NII, who can be ached via telephone at 253-847-5198 (you must leave a message id she or her representative will get back to you). Lots of things appening at this time of the year so be sure to keep Judy in mind and VOLUNTEER.

Medical Services Manager who is Pat Nicholson, N7WGR, and he is looking for volunteers to help support the communications needed for medical facilities. Contact him at 253-864-6589 or via email at patn0011@earthlink.net.

Mario Badua, KD6ILO, is leading the Emergency Communications Emergency Response Team.

(ARES/RACES continued on page 9)

Pierce County Phone Numbers:

Pierce County Emergency Coordinator: Mark Yordy, W7BBO 253-857-5123;w7bbo@juno.com.

Assistant Emergency Coordinator/Zone 1 Manager: Rollo Van Slyke, N7JQ 360-876-2803; rollo@worldfront.com

Assistant Emergency Coordinators/ Anderson Island Managers: John Mollan, AE7P and Donna Mollan, WB7FDE. John and Donna can be reached at 253-884-1679; ae7p@arrl.net.

Net Manager for Pierce County Amateur Radio Communications Services nets: Rich Heasty, KK7VH 360-897-6576; rheasty@wolfenet.net

Membership Applications and Roster Maintenance: Shirley Murphy, N7QHW 253-265-3661; sundancealso@harbornet.com

Special Events Manager: Judy LaFleur, N7NII 253-847-5198

Medical Services Manager: Pat Nicholson N7WGR 253-864-6589; patn0011@earthlink.net

Emergency Communications Emergency Response Team lead: Mario Badua, KD6ILO 253-952-5880; kd6ilo@arrl.net

UPGRADE YOUR LICENSE!

RCT VE TESTING

EVERY SECOND TUESDAY OF THE MONTH

AT THE CLUBHOUSE AT 7 P.M.

Anyone wanting to take any element of the amateur radio tests is welcome - no reservations needed.

PINOCHLE & POTLUCK

See you May 3rd

For info call: 253-759-4898

Jack, WA7ENB & Marilyn Moore

Next gathering 6/7, then off until September.

NEW MEMBERSHIPS: WELCOME!

Our membership chair, Scott, NF7Y email address is: NF7Y@comcast.net

New Members

SHAWN CHURCHILL KD7UBL
RCT 2192

PO BOX 7543

BONNEY LAKE, WA 98390

253-279-5889

SQCHURCHILL@EARTHLINK.NET

RAYMOND RISO KD7MVG RCT 2193

4994 31 ST STREET N.E.

TACOMA, WA 98422

253-942-7114

CHOP572@AOL.COM

MIKE JOHNSON KD7OQC RCT 2194

14721 WOODBROOK DR SW, #14

LAKEWOOD, WA 98439-1806

253-732-6961

KD7OQC@YAHOO.COM

DEBORAH OAKMAN KD7UYN
RCT 2195

870 120 ST. SO. TACOMA, WA 98444

253-537-2376

OAKMANDE@PLU.EDU

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8501 GOLDENGIVEN ROAD

TACOMA, WA 98445

253-536-3932

KD7UAA@AOL.COM

PAUL FLEMING KD7UYK RCT
2197

7617 67TH AVE NW

GIG HARBOR, WA 98335

253-851-2396

PFLEMING@NWLINK.COM

GARY MCFADDEN KD7UKD
RCT 2198

602 CARTER ST

KENT, WA 98030-6277

253-854-1441

MCSTRUT@HOTMAIL.COM

WAYNE KLINGENBERG KD7UBM
RCT 2199

15020 230TH SE

GRAHAM, WA 98338-1471

253-893-6852

WAYNEGAGLE@AOL.COM

Membership Changes

Charles Ashcraft, KD7LZS is RCT number 2094 not 2190.

Shaun Lindberg, KD7UKN is RCT number 2190 not 2191.

Elise Lindberg, KD7UKM is RCT number 2191 not 2192.

Fred Swan call sign changed from KC7ZWD to K7FCS

Address Change

Christian Bergeron KD7SYF RCT 2164

266 F Reservation Road, #258

Marina, CA 93933-3181

No phone or email given

MEMBERHSIP RENEWAL REMINDER

Just a reminder that the membership renewal season ended 31 March 2003. Those who have not renewed will be dropped from the BARK list, not receive club roster, and lose their voting eligibility. If you have any questions please contact Scott, NF7Y at 253-925-8637 or nf7y@comcast.net. You can also contact Jerry, W7BUN, at 253-845-7652 or at w7bun@wa.net

Welcome to All New Members!

We hope you enjoy your affiliation with the Radio Club of Tacoma and will invite your friends to join us.

Please stop by the Clubhouse on Saturday mornings and come to the club meetings and events so we can all get to know you better.

Again, welcome - we're glad you're here!

UPCOMING PROGRAMS AT RCT

May 14th

May 28th

WEDNESDAY, MAY 14TH – THE ARRL FIELD ORGANIZATION

The ARRL Western Washington Section Manager, Harry Lewis, W7JWJ, will explain the structure of the ARRL Field Organization. This includes elected officials, appointed positions, and volunteers. Some of the positions are the Section Manager, Emergency Coordinator, Traffic Manager, Public Information Manager, Affiliated Club Co-ordinator, Official Bulletin Station, Technical Coordinator, and Official Observer.

WEDNESDAY, MAY 28TH – UNDERSTANDING MESSAGE HANDLING

In an emergency situation, most radio traffic will be sent using formal message handling procedures. Learn how to format a radiogram, create the preamble, determine the word count, use special handling instructions, use numbered radiograms, and when and where to find traffic nets to send messages. All amateurs should be familiar with message handling to be prepared to help in an emergency. Handouts will be provided.

ELMER BOARD

Do you need help with some area in ham radio? Here is a place to start… First is the listing of areas of support, followed by a list of members' areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment
12. IRLP

Name/Call Sign /Phone Number/ Help with topic

Jerry, W7BUN 253-845-7652: 1,4,6,9,10

Alan, KB7SVU 253-840-4947: 4,5,10

Frank, AB7YZ 253-752-8520 : 2,3

Roger, WA7ANJ 253-475– 4293: 1,2,3,4,7,8,11

Angela, KC7EQ : 2

John, AC7LK 253-984-6709: 3, 4, 8,10,12

Mick, KK7QS 253-847-8223 : 12

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the Elmer Board!

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please contact Jill Palmer, K7JIL, 253-539-7772 or e-mail hamtalker2@msn.com

Amateur Radio License Instruction at RCT

Radio Classes Offered

The next no-code Technician Class will be held Sat. & Sun. May 3rd & 4th at the clubhouse.

Anyone interested in the no-code Technician licensing classes should contact Jerry W7BUN at 253-845-7652 or w7bun@wa.net for information. The no-code tech classes have been filling up so if you, or someone you know, wants to take the class, encourage them to contact W7BUN to be sure to get in the next available class.

(Ares/Races Continued from page 6)

These are the folks that are the first persons to be called out for events.

He has zones 3, 4, and 5 covered but is looking for volunteers to cover zones 1, 2, and 6. Volunteers would need a 4 wheel drive vehicle equipped with radios. Ideally, a 2 person team is desired but to get started, a single person can be a responder. Contact Mario at 253-952-5880 or via email at kd6ilo@arrl.net.

Watch the NOAA website for future Skywarn weather spotter training classes. The web address is www.wrh.noaa.gov/seattle. I would like to once again encourage everyone to get active in ARES/RACES and get behind our new leadership persons and give them your support.

Don't forget to check into the Pierce County Amateur Radio Communication Services net on each Tuesday at 7 PM on the 145.370 MHz repeater.

We have a new web page address. It is http://piercecounty.tripod.com.

Check it out and see what is happening. More information will be added as it is needed or becomes available. The net preamble is also available on the web page.

Thanks to all for your support of ARES/RACES. 73 Shirley, N7QHW

Mini-Swap Meet at the Clubhou

Saturday, Last Sat of May Mini Swap Meet at the Clubhouse .. a.m. to 2 p.m....There will be food (hot dogs, etc.) ...Bring in your ite you want to swap or sell or stop by to see what others bring.

W7DK calls for contesters!

Contesting with W7DK at the Clubhouse:
Club goal is 100 DX qsl cards to decorate the clubhouse wall! Organize a contesting party at the Clubhouse - contact John AC7LK for info.



In Remembranc

K7EEK Eugene E. Welcor

Born February 19, 1936 in B lingham WA. Passed away o April 8, 2003 in Tacoma WA. His compassions were ham ra dio, computers and electronic

The Radio Club of Tacoma se its condolences to the family.

ARRL RCT VE Team Report

by Shirley Murphy, N7QHW

This report includes all testing done in February, March and April 2003.

FEBRUARY

Twenty-eight people tested during the VE Testing session. Out of the 28 people, 14 people achieved a new license, 3 people achieved an upgrade, 9 people passed the requested element and the remaining 2 were not successful in their attempt to pass the requested test element.

Overall, there were 29 test elements given. 27 were passing and 2 failures for a percentage rate of 93.1% passing.

Achievements included 14 Technician Class license, 1 General Class license, and 2 Extra Class license.

Congratulations to Radio Club Members Douglas Oakman, KD7SQR, General Class; Patricia Wingerter, KD7TRC and Rodney Saucedo, KD7SKZ, half way to General Class; and Richard Patrick, KD7TRD, Extra Class.

MARCH

Nineteen people tested during the VE Testing session. Out of the 19 people, 10 people achieved a new license, 5 people achieved an upgrade, 1 person passed the requested element and the remaining 3 were not successful in their attempt to pass the requested test element. Overall, there were 20 test elements given. 17 were passing and 3 failures for a percentage rate of 82.4% passing.

Achievements included 10 Technician Class license, 1 General Class license, and 4 Extra Class license.

Congratulations to Radio Club Member Frank Bannon, KC7CQW, who achieved Extra Class.

APRIL

Seventeen people tested during the VE Testing session. Out of the 17 people, 8 people achieved a new license, 3 people achieved an upgrade, 4 people passed the requested element and the remaining 2 were not successful in their attempt to pass the requested test element.

Overall, there were 20 test elements given 18 were passing and 2 failures for a perce age rate of 90% passing.

Achievements included 8 Technician Clas license and 3 General Class license.

Congratulations to Radio Club Members David Schattilly, KD7UBI, General Class and Mike Sexsmith, KD7UBD, half way there to General Class.

Congratulations to everyone who was successful. Once again thanks to the instructors who helped many of them get there.

Thanks also to the VE Team members wh helped make the testing session run so smoothly. It is very much appreciated and couldn't be done without you.

73, Shirley, N7QHW, Radio Club of Tacoma VE

Pacific NW Hamfests

May 10, 2003. Stanwood Camano Amateur Radio Club (SCARC) Hamfest, Stanwood, WA. This is another nice local group, and a lot of VE7's make the trek down, so this is a good chance to see your Canadian friends. contact John McCann, N7MZ, PO Box 941, Stanwood, WA 98292. (360)629-2921, huppert@whidbey.net or Vic, N7KRE (360)387-7005

May 10, 2003. Vintage Radio Sale and Swap Meet. 9 AM - A1 PM. Salvation Army Rose Center. NE 18th Avenue and Sandy Blvd, Portland, OR. For information, contact Tony Hauser, (503)629-4836. www.nwvrs.org

June 6, 7, & 8, 2003. Wenatchee Hamfest, Dryden Gun club. Dryden, WA. Free RV and tent sites, Saturday Breakfast, Saturday night country style dinner. VE testing, 1300 Saturday. Contact John, N7RHY, N7RHY@gte.net for information.

June 13, 14 & 15, 2003. Sea-Pac Hamfest. Seaside Convention Center, Seaside, Oregon. This is the ARRL Northwest Division convention, and it is a popular one! Seaside is a popular resort area, and the family and kids will enjoy touring the area while the ham in the family attends the festivities. Exhibitors Call: Al Berg, W7SIC (503)816-7098. Registration info call Will Sheffield, N7THL. (503)642-7314. Email n7thl@juno.com . http://www.seapac.org/.

June 14, 2003. Hamfest 2003. Kootenai Amateur Radio Society. Lions Club, Hiway 53, Rathdrum, ID. Free overnite RV parking for self-contained. Breakfast and lunch available, Free entrance and free tables (first come first serve), VE Exams. Doors open at 6am. Talk in 146.98 For more info contact Jim, N7ESU at (208)667-4915 or email jim@intermountainsecurity.com .

Information gathered from the website of N7CFO

WANDERING THROUGH THE IRLP with Dick K7ITX

One of our newest hams, Judson, KD7VJR, made his first IRLP contact from the school yard using his hand-held. Next we heard him make a contact from home to the San Diego "WIN" system which links up repeaters all over Southern California. Judson worked a mobile unit near San Diego. Judson also made a contact the other day with a mobile on the East Coast who remarked that it was the first time he had talked to anyone "school bus mobile." Pretty good operating for a 10-year-old! Way to go, Judson!

Another first was Fred, K7FSC; he made contact with York, England and had a nice qso with a mobile unit there.

When Troy, KD7QYS, gets off work about midnight, he checks to see if there are any local night owls to work on his way home. If not, he brings up IRLP nodes. He has worked CL1UXD in New Zealand and several Australian stations lately.

The activity on the IRLP continues to be a lot of fun for those of us who are on there. Join us sometime - you just never know who you'll meet!

INTERNET
RADIO
LINKING
PROJECT

73, Dick K7ITX



Letters to the Editor

Dawn KC7VZM is filling in as BARK EDITOR, please submit letters to d.pier@comcast.net.

Please submit BARK article by the 15th of each month.

****

Every Saturday the Clubhouse is open from 10 a.m. to 2 p.m.

Morse Code Protocol

Hi to All,

I have had a couple of calls today about persons taking the morse code test and copying dots and dashes versus letters and numbers. They are not happy with what I told them. Please read the attached protocol again and refresh your memories. Also, read the information in your VE Manual on page 46 related to Code Tests.

Be sure if you are doing the morse code testing, that you announce our protocol before each code test that is given. I would prefer to not get in a glitch over this and have to accept dots and dashes because we did not announce our protocol.

Thanks and Happy reading to all.

Shirley, N7QHW

MORSE CODE PROTOCOL FOR RCT VE TEAM

DOTS and DASHES will only be accepted under special circumstances that have been agreed to by the VE in charge of the session prior to the session starting. Time allowed to translate the dots and dashes to letters, punctuation marks, prosigns will be 5 minutes maximum.

Use of Typewriters, Computers or Braille Typewriters must be cleared with the VE in charge of the session prior to the beginning of the session. Use of any of these devices will only be allowed if the there is no noise which will distract others and the file is not saved as a file on the local drive. The applicant may save to an open file or floppy but the examinee must be prepared to relinquish the floppy to the VE Team.

Any computer-software spell- checking routine must be turned off/disabled and/or simply not allowed to be activated to ensure that the applicant does not let the computer fill in any missing or misspelled characters.

If the Morse Code exam is failed, examinees may choose to retest but there will be a $10.00 fee charged for any second attempts to take the Morse Code exam. The maximum amount of retest is one beyond the first exam.

A sending test is an option for accommodating handicapped persons but arrangements must be made prior to the test session.

GRADING GUIDELINES FOR 5 WPM MORSE CODE

FILL IN THE BLANK EXAMS

1. There are two ways to pass a morse code test.

a. 25 characters in a row solid copy (each letter is equal to one (1) character, each numeral (1-10), punctuation mark (,; .; ?) and procedural sign (prosigns) (/[DN]; BT; AR; and SK) count as two characters and a word is considered as 5 (five) characters.

b. Achieve 7 out of 10 quiz answers correct in the fill in the blank quiz.

2. The examinee must write in the answer space the verbatim of what the correct answer text is as sent in the morse code text. If the examinee writes more than the required answer, all the text the examinee writes must be character for character exactly as listed on the VE's answer sheet.

3. What the examinee writes in e h
of the ten spaces on the fill-in qu is
the answer the examinee is to be
graded on-regardless of what the r-
aminee had on his/her Morse cod
copy sheet. (The VE's should not
have to make any judgment call a t
whether the answer is correct or t
other than difficulties in reading e
examinee's writing character for
character).*

4. Each examinee taking a code t
must be given and must write th
name on a code copy sheet, even i n
copy is written on it by the exami e
If no copy sheet is received for an
examinee, even if the ten questio
are answered, we will hold the re
sults pending feedback from the V
team regarding the missing code
copy sheet.

* The person taking the test is re-
sponsible for copying the text exa y
as it was sent and for transcribin
the answers on the quiz sheet. O
the quiz sheet, the examinee is ad
vised to print each answer exactly s
it was sent in the message. The w it
ten answers must compare exactl
with what the answer key indicat .
If the answer key shows that the -
swer to a question is "New York", ne
candidate must write "New York"
not "NY" or anything else. Con-
versely, if the answer is "NY", the
candidate must write "NY", not "N w
York". The only exception in grad g
may be if a candidate provides a t
or three word answer where the a
swer indicated on the key is only e
word, as long as two conditions ar
met: (1) the additional words in th
candidates answer were actually p rt
of the appropriate text; and (2) th
answer given by the applicant is
spelled exactly as it was transmitt l

Museum Musings by Worth W7WG

Forward to the Past: Amateur Radio during the Last Century

Museum Musings by Worth W7WG (for what it's worth..)

First, I wish to thank so many members of our Club who wished me well with their thought and prayers during the two weeks and three days of my quadruple bypass operation and rehabilitation. It started with just a bit of chest and left shoulder pain, going to emergency ward in St Clare Hospital, an exciting ride up I-5 with the siren screaming, wheeled into the waiting operating room in the cardiac section of St. Joseph Hospital where I had angioplasty during which a couple of arteries were unplugged, but then it was found that only a quadruple bypass would do the job. After a three-day wait during which I was so fortunate to receive cards, phone calls, and visits from Radio Clubbers, relatives and other friends.

After the operation and a day in the recovery ward I was lucky to be put in a single room in the Rehab Unit with a panoramic view of Tacoma all the way around to Mt Rainier that I never could afford in a hotel. RCT visitors looking out these windows and the oval windows in the tower made plans for wonderful longwire antennas running to tops of adjacent buildings.

For me, the total experience was like going on a high-class pleasure cruise, seeing lots of strange sights, having lots of new experiences, and meeting so many friendly and professional people, plus visits, phone calls, and visits from Radio Clubbers, other friends and relatives made the total experience a real social occasion. At times the voyage was a bit rough, but the captain and crew expertly got me through all that to make it one of the highlights of my life.

After the very first there was no real pain so I was able to enjoy that entire "voyage", sometimes groggily. Actually, I was so happy to be alive with an excellent prognostication due to my being in good condition from keeping active in hiking and cross country skiing and never smoking.

Also, all your prayers and best wishes helped greatly. I've never been able to find what frequency prayers and good wishes operate on, but yours had enough megawatts to penetrate the walls of St Joseph or sneak in the big oval windows or maybe they penetrated the ionosphere and I received the downlink from heaven. In any case, the whole time was a very positive experience and I am in awe at the consistent professionalism with energy, upbeat, encouraging, and humorous attitudes. I am very fortunate. I am appreciative to all of you.

Last month's "Musings" were written during the first hours of the Iraq War II. This month I will tell what - from an amateur radio viewpoint – indicates the peace is being won, based on my narrow experiences in post-war Japan and Germany.

I believe that when we get dx reports that hams in the U.S. Armed Forces are legally operating portable from Iraq, the country is under the control of the Coalition. (The ARRL Letter just reported that YI/NG5L from Nasiriya on 20 m, YI/KT4CK on 15m, and K4cy/p or K4CY/m are operating somewhere in Iraq.

When we hear that Iraqi hams are on the air, a stable civil society has been establish. When we hear that ordinary citizens, not just the elite, are operating amateur radio stations, we know that a progressive government, probably a democratic one, is in place, especially when some of the hams are teenagers.

From my observations and amateur radio operations in Post WWII Japan and Germany starting in 1953 as a DAC Dept of the Army Civilian teacher in the DOD Dependents Schools. In 1954 as I had a valid FCC license I was able to operate the Navy Fleet Activities recreational ham station KA7DM to make a phone patch to Marian, then just a friend, in Seattle to arrange some airline tickets for me and to get information through a Hong Kong ham about the fate of a friend's father held in a Macao refugee camp.

When I returned to Japan in 1968 for a 7 year "tour", I was able to get my KA7 call through the 5th Air Force, but only Service members or civil service employees, not dependents, could get licenses. Japanese hams were forbidden to QSO with us, no third-party traffic was allowed, and only operations from US military bases were allowed. The Japanese government considered US ham stations on our bases as

(Museum musings continued page 13)

(Musings Continued from page 12)

"military stations", probably a reaction the MARS type operations in the ham bands during the Occupation. By then the ham population in Japan equaled, or exceeded ours. On visits to Japanese High Schools during their open house days revealed very active ham radio clubs with elaborate equipment and antennas. Many of the operators were teenaged girls in their cute middy school uniforms. 40m SSB crammed into the lowest 100 kHz was their favorite band, making it full of QRM almost like our old CB band. Because of those restrictions my AF MARS phone-patch operation to the CONUS from my amateur station on Itazuke AB with the help of three or four other hams and a couple of my licensed students was a very welcome service in those pre-e-mail days and very expensive tentative long distance telephone service. During my two "tou in Germany in the 50's a the 70's I found German radio and radio clubs th ing. I was able, after thorization from Army HQ Heidelberg, to obtain a man license under the sa regulations as a German In less democratic count where our troops were st tioned like Turkey and S Korea I heard ham licens were very difficult to o tain for US military.

RADIO CLUB OF TACOMA 147.28 MHZ

TUESDAY EVENING NET

MARCH, 2003

Net Checkins –by Call Sign, number of checkins, and First Name

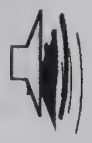
KD6ILO	(1) MARIO	KC7JPJ	(2) BRUCE	KD7QYS	(4) TROY	KD7TQX	(4) ADAM
N7ANF	(2) RICH	AC7JY	(2) FRANK	KD7QYU	(4) JUD	KD7TRA	(3) RANDY
WB7AUJ	(1) DAVID	KD7KOA	(1) RYAN	N7RHV	(1) RICHARD	KD7TRB	(2) ROB
KJ7BN	(1) MARILYN	AC7KQ	(1) RAY	KD7RKX	(3) LARRY	NW7U	(1) SCOTT
AC7BU	(4) AL	AC7LK	(4) JOHN	K7ROL	(2) CAROL	KD7UAA	(4) BOB
K7BUD	(3) BUD	KD7MVG	(1) RAY	W7RQ	(1) JOE	KD7UAV	(1) HUMBERTO
W7BUN	(4) JERRY	KD7NES	(3) GWEN	W7RW	(3) ANDY	KD7UBD	(1) MIKE
KD7BVO	(1) LYNNETTE	KD7NEV	(1) MARK	AE7RW	(2) RICH	KD7UBI	(4) DAVE
N7CEO	(1) LINK	KD7NPT	(2) TODD	KD7RWD	(1) SAM	KD7UBL	(1) SHAWN
KD7CZO	(1) MARK	KD7NUV	(4) MICKEY	W7SKI	(3) BOB	KD7UKD	(1) GARY
W7DON	(1) DON	WA7OEE	(1) RON	KD7SQR	(2) DOUG	KD7UKN	(1) SHAUN
W7EC	(4) HAL	WA7OHG	(4) WADE	KB7SVX	(3) JEAN	KD7UYN	(1) DEBBIE
W7EG	(1) BOB	KC7OKS	(4) ED	KD7SXU	(3) GARRY	KD7VBW	(1) RENEE
KC7EQ	(4) ANGELA	KD7OQC	(1) MIKE	KD7SXY	(3) JIM	N7VPB	(2) JOANN
KK7FM	(1) GEORGE	KB7QAG	(4) JEFF	KD7SXZ	(4) RODDNEY	W7WG	(2) WORTH
W7IMW	(3) JACK	WB7QCK	(3) BOB	KD7SYF	(1) CHRIS	AB7WJ	(3) BILL
KA7IOX	(4) SCOTT	KC7QFD	(1) GENE	KC7SYW	(1) MARY	AC7WW	(2) JOHN
K7ITK	(3) DICK	AC7QN	(4) CHUCK	KD7TJE	(3) JIM	W7XJ	(1) NORVAL
WA7IOV	(1) NICK	N7QOZ	(4) BOB	KD7TQO	(4) CHRIS	WG7X	(3) GARY
K7JIL	(2) JILL	KK7QS	(3) MICK	KD7TQP	(1) RAY	KJ7XJ	(2) ERIC
KC7JME	(4) NORA	KK7QW	(2) PETE	KD7TQW	(4) LARRY	KB7ZDR	(3) MICHAEL

NET CONTROL STATIONS:

March 4 KK7QS

March 11 KA7IOX

March 18 WG7X



Check in to the Tuesday evening Net at 7:30p.m. on 147.28 (the W7DK repeater) for the latest news and announcements from the club!

QSL Card of the Month

CYOMM SABLE ISLAND

Sable Island is located 300 km east-southeast of Halifax, Nova Scotia. The crescent shaped island, made of shifting sand dunes, is the home of wild ponies with long, flowing manes and tails. It has also been a temporary home for shipwrecked sailors brought there inadvertently by the legendary gales that blow around the island. Sunken ships litter the ocean floor, giving the island the reputation as "the graveyard of the Atlantic." Since 1853, there have been 350 recorded shipwrecks on Sable Island.



The CY0MM team stayed on the island from November 15 until November 29, 2002. Four operators on 160-10 meters using CW, SSB, and RTTY modes logged nearly 50,000 QSOs. The equipment consisted of a Yaesu FT-1000MP, a Kenwood TS-930, a Kenwood TS-2000, and an ICOM IC-706. Due to the airplane cargo weight limitations, they were able to only bring one amplifier, an MLA-2500. Antennas were an M2 7-element Yagi for 6 meters, a Hy Gain TH-2 tri-band Yagi for 10, 15, and 20 meters, a Cushcraft A3WS Yagi for 17 and 12 meters, delta loops for 40 and 30 meters, and verticals for 80 and 160 meters.

Taken from Western Washington Section News on the Internet:

SHORTWAVE BROADCAST PROGRAMS & STREAMING AUDIO



Here are links to some of the major SW BC networks of the mid-east

BBC = http://www.bbc.co.uk/worldservice/programmes/index.shtml
Deutsche W.=www.dw-world.de/english/0,3367,1453-184677,00.html
Radio Israel=http://www.israelradio.org/sw.htm
Kuwait Radio=http://www.moinfo.gov.kw/eng/freq/sw.htm
Turkey=http://www.bcinews.it/b02schedules/turchia.htm
Iran=www.irib.com/worldservice/englishRADIO/default.htm
Russia=http://www.vor.ru/world.html
France=www.rfi.fr/fichiers/Langues/rfi_anglais_main.asp
Netherlands=http://www.rnw.nl/en/html/northamerica.html
de Ward N0AX









SUNDAY JUNE 8TH

OWENS BEACH @ POINT DEFIANCE PARK

11 A.M. TO 4 P.M. POTLUCK BBQ

PLEASE BRING SIDE DISH OR DESSERT, HOT DOGS AND BEVERAGES PROVIDED BY THE RADIO CLUB OF TACOMA

FAMILY, FRIENDS & NEIGHBORS WELCOME, JOIN THE FUN WITH "ANNTENNA WARS" COME SHOW OFF YOUR CREATIONS

Simplex CALL-IN FREQUENCY 147.500

CALL-IN Repeater 147.280

News from the ARRL by Jerry W7BUN

DXCC TO ACCEPT IRAQ PORTABLE OPERATIONS APPROVED BY COMMANDING OFFICERS

ARRL Membership Services Manager Wayne Mills, N7NG, says the League will accept for DXCC credit YI/ operations from Iraq by US or British military personnel provided the operator has written permission from his or her commanding officer.

"There is precedent for this," Mills said, citing an operation during the 1991 Gulf War. "These operators will need written authorization to operate from their commanding officers until an interim Iraqi civilian government is in place," Mills said. After that point, operators would need documented permission from Iraqi authorities.

The Daily DX <http://www.dailydx.com> has reported that several hams with the US military in Iraq have been showing up on the air in recent days.

Mark Smith, NG5L, has been active from near Nasiriya as YI/NG5L on SSB, usually around 0500 UTC near 14.195 MHz. He's also been spotted in Europe and North America on other 20-meter frequencies and at other times of the day. Smith is in Iraq with the 82nd Airborne Division.

Jim Dunkerton, YI/KT4CK, has been active on 15-meter SSB between 1430 and 1600 UTC. Dunkerton is believed to be with the 101st Airborne.

Bob Furzer, 9K2ZZ/K4CY, reportedly has been on the air from Iraq as K4CY/p or K4CY/m.

Other hams are known to be in Iraq but have not yet been reported on the air.

Still not known is whether Ed Giorgadze, 4L4FN--now in the Middle East after wrapping up his North Korean (P5) operation last fall--will be on a United Nations World Food Program assignment inside Iraq in the near future. That could depend in part on how big a role the UN plays in rebuilding Iraq.

"ENHANCED SSB" BANDWIDTHS "EXTREMELY INCONSIDERATE," FCC SAYS

The FCC has sent advisory notices to four enthusiasts of what's become known as "enhanced SSB"--the practice of engineering transmitted single-sideband audio to approach broadcast quality. Letters went out earlier this month to amateurs in Illinois, Florida and New Jersey who are aficionados of enhanced SSB, also known as "upper wideband" and "lower wideband."

The Commission has received numerous complaints regarding the operation of your station," FCC Special Counsel Riley Hollingsworth wrote Paul Christensen, W9AC, John Anning, NU9N, Anthony Latin, W4NSG, and Sareno Salerno, W2ONV, on April 3. Hollingsworth said complaints to the FCC alleged that the bandwidths of the stations' enhanced SSB emissions were "wider than necessary and contrary to good engineering practice."

"Wideband overly-processed audio, especially when coupled with the high intermodulation levels of certain amplifiers, results in the use of bandwidths extremely inconsiderate of other operators," Hollingsworth said. Such transmissions may violate FCC rules and may be at odds with what Hollingsworth described as "the expectation that the Amateur Service be largely self-regulated."

Occupying more bandwidth than necessary in a heavily used amateur band, Hollingsworth wrote not only could generate ill will among operators but lead to petitions asking the FCC to establish bandwidth limits for amateur emissions. At present, the FCC imposes no specific bandwidth limits on various amateur modes.

Hollingsworth cited §97.307(a) of the Amateur Service rules that requires the signal of an amateur station not occupy "more bandwidth than necessary for the information rate and emission type being transmitted, in accordance with good amateur practice." Some amateurs have complained that enhanced SSB signals can take up 8 kHz or more of spectrum, cause splatter and unnecessarily interfere with other stations.

"The Amateur Service is not a substitute for the Broadcast Service," Hollingsworth said, "and the frequencies allocated to the Amateur Service

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(Continued from page 15)

were not allocated for a 'broadcast quality' audio emission or sound." Hollingsworth suggested the enhanced SSBers operate when the bands are less busy or on bands that are not heavily used.

The many complaints the FCC has been getting--20 or so per week--leads to the conclusion that the stations' enhanced SSB operation is having "a negative impact" on the Amateur Service, Hollingsworth said. He requested that the four amateurs "fully review the rules" and make sure their stations conform to them.

FCC WARNS AMATEURS: UNLICENSED OPERATION COULD COST YOUR HAM TICKET

The FCC has let a trio of Idaho amateurs know that unlicensed operation outside Amateur Radio frequencies could lead to revocation of their ham tickets. FCC Special Counsel Riley Hollingsworth recently wrote three Boise amateurs, citing allegations that they had transmitted without a license on several 11-meter frequencies.

"Information before the Commission indicates that you have transmitted without a license on 26.350, 27.420 and 27.700 MHz using SSB and SSTV," Hollingsworth said. He pointed out that, in addition to revocation proceedings, fines for unlicensed operation normally range from $7500 to $10,000. Letters went out March 17 to Dave Every, KD7QAS; John F. Hail, KD7QAW; and Tom M. Sjoberg, KD7RCS. Every holds a General ticket, while Hail and Sjoberg are Technician licensees. Hollingsworth says he understands that the unlicensed operations have ceased. The three frequencies involved are below and above the Citizens Band.

An Ohio ham, Dave K. Childers, N8QGI, also heard from Hollingsworth March 18 in a case involving alleged obscene or indecent transmissions last December on 27.115 MHz--CB channel 13. Hollingsworth did not raise the issue of unlicensed operation in that case, but he did spell out the FCC's position on the transmission of obscene or indecent words or language. He also requested Childers, a Technician licensee, to respond to the complaint within 20 days and indicated that a tape recording would be made available to him upon request.

Although the alleged Idaho and Ohio operations occurred on 11 meters, Hollingsworth said he contacted the four individuals only because it was determined that they were FCC Amateur Radio Service licensees. Complaints in the Idaho cases came from the amateur community, Hollingsworth indicated.

The FCC also sent a Warning Notice March 24 to Anthony L. Basile, N3HFB, of Pennsylvania, citing "monitoring information" indicating that the licensee has been deliberately interfering with three 2-meter repeater systems in his area. Hollingsworth warned of fines and revocation proceedings and said that until the matter is resolved, the FCC would not routinely renew Basile's Advanced class license, which expires in September. A similar Warning Notice went out March 18 to Tech Plus licensee Erin J. Rourke, N0KCN, of North Dakota, alleging deliberate interference to a 2-meter repeater in the Fargo area.

"Another Congressional attempt is under way to provide relief to amateurs prevented by private deed covenants, conditions and restrictions (CC&Rs) from installing outdoor antennas. "

In another enforcement case, Hollingsworth has notified Drew B. Feldman of Los Angeles that the Wireless Telecommunications Bureau had set aside his Amateur Radio license KG6PFC. "That action is based upon complaints about the operation of your station," Hollingsworth wrote March 18. In May 2000, the FCC canceled Feldman's Tech Plus ticket, N3KSO, after he failed to appear as requested for re-examination. Feldman subsequently retested for the Technician license and was issued KG6PFC on February 20. Following the complaints, the FCC canceled the grant a month later.

HAM RADIO "CC&R BILL" REINTRODUCED IN CONGRESS

Another Congressional attempt is under way to provide relief to amateurs prevented by private deed covenants, conditions and restrictions (CC&Rs) from installing outdoor antennas. Rep Steve Israel (D-NY) has again introduced the "Amateur Radio Emergency Communications Consistency Act" into the current session of Congress. The measure, designated HR 1478, would require private land-use regulators such as homeowners' associations to "reasonably accommodate" Amateur Radio antennas consistent with the PRB-1 lim-

(Continued on page 17)

(Continued from page 16)

ited federal preemption. PRB-1 now applies only to states and municipalities.

In remarks introducing HR 1478, Israel said passage of his bill not only would assist Amateur Radio operators but society as a whole. "Organized Amateur Radio operators--or "hams"--regularly provide emergency communication when regular communications channels are disrupted by disaster," Israel pointed out. The growth of developed communities has put a growing

"Not allowing hams the equipment they need could restrict communication to the local community ..."

number of hams under an "array of inconsistent regulations," he said, that make it harder and harder--or altogether impossible--to erect the necessary antennas.

"Not allowing hams the equipment they need could restrict communication to the local community in similar situations in the future." Israel said his bill "seeks to ensure the continued viability of Amateur Radio through consistent application of federal regulations."

The one-sentence measure is identical to the text of the CC&R bill that was introduced in the last Congress: "For purposes of the Federal Communications Commission's regulation relating to station antenna structures in the Amateur Radio Service (47 CFR 97.15), any private land use rules applicable to such structures shall be treated as a state or local regulation and shall be subject to the same requirements and limitations as a state or local regulation."

HR 1478 has bipartisan support. Leading the list of 13 initial cosponsors for the measure are Reps Greg Walden, WB7OCE, (R-OR) and Mike Ross, WD5DVR, (D-AR)--believed to be the only Amateur Radio licensees in Congress. Joining them are representatives Tammy Baldwin (D-WI), Roscoe Bartlett (R-MD), Marion Berry (D-AR), Rick Boucher (D-VA), Jo Ann Davis (R-VA), Ralph Hall (D-TX), Carolyn McCarthy (D-NY), Michael McNulty (D-NY), Dennis Moore (D-KS), Charles Taylor (R-NC) and Patrick Tiberi (R-OH).

ARRL President Jim Haynie, W5JBP, said he was happy to see the bill back before Congress. "Of course I am very pleased that Rep Israel has reintroduced the bill," Haynie said. "The League can do the mechanics, but it is now up to our members to write their elected representative and urge support and ask that they cosponsor and support the bill." Haynie noted that the League has recently ramped up its efforts to educate members of Congress about Amateur Radio, but he said lawmakers respond best to individual members.

HR 1478 has been a signed to the Hous Energy and Commerc Committee. Information about bill and a sample letter to use when contacting your re resentative are available on the A Web site <http://www.arrl.o govrela-tions/hr1478/>.

COMMUNICATIONS SUB-COMMITTEE CHAIR CO-SPONSORS SPECTRUM PROTECTION ACT

The chairman of th Senate Communicati Subcommittee, Monta Republican Conrad Burns, has signed as a cosponsor of e Amateur Radio Spec-trum Protection Ac Senate Bill 537. T commitment by Burn the expected archi-tect of the Senate spectrum managemen legislation, indi-cates that the mea ure--an ARRL initia tive on its third a-tempt in Congress--now has his atten-tion. Burns' cospon sorship also could convince others to follow suit.

A membership application is included in this month's edition of the Bark - use it for yourself to renew or pass it along to a friend!

RADIO CLUB OF TACOMA [ ] **NEW MEMBER (ONE APPLICATION PER MEMBER)**
PO BOX 11188
TACOMA, WA 98411-0188 [ ] **RENEWAL (ONE RENEWAL FORM PER FAMILY OK)**

MEMBER CATEGORY: [ ] FULL [ ] SENIOR [ ] ASSOCIATE [ ] FAMILY [ ] LIFE [ ] STUDENT [ ] REINSTATEMENT

Name_____ Call_____ Class_____ Birthday_____

Address_____City/State_____

Zip+4_____Home Phone(_____)_____ Work Phone(_____)_____

e-mail address_____Publish phone number/e-mail in the Club Roster? Yes [ ] No [ ]

Former Call(s)_____

Are you a Volunteer Examiner ? Yes [ ] No [ ] If Yes, which VEC? ARRL [ ] W5YI [ ] Other [ ]

Occupation (or former occupation)_____

Are you a member of: ARRL [ ] ARES/RACES [ ] MARS [ ]

FAMILY MEMBERS NAME, CALL, AND LICENSE CLASS (RENEWALS ONLY)

_____

_____

_____

THE RADIO CLUB PARTICIPATES AND SUPPORTS THE FOLLOWING ACTIVITIES EACH YEAR. PLEASE MARK THE BOX IN FRONT OF THE ACTIVITY OR ACTIVITIES THAT YOU WILL HELP SUPPORT. WE NEED YOUR HELP AND SUPPORT. **PLEASE CONSIDER AT LEAST ONE ACTIVITY THAT WE CAN COUNT ON YOU TO SUPPORT. PLEASE CHECK THE FIRST BOX IF YOU ARE EXPERIENCED OR ALREADY INVOLVED. CHECK SECOND BOX IF YOU WOULD LIKE TO LEARN MORE ABOUT THIS).**

[ ][ ] DIGITAL COMMUNICATIONs	[ ][ ] VE TEAM	[ ][ ] EMERGENCY COMMUNICATIONS
[ ][ ] FIELD DAY	[ ][ ] PUBLIC RELATIONS	[ ][ ] CLUB NEWSLETTER
[ ][ ] ANNUAL FLEA MARKET	[ ][ ] TEACHING CLASSES	[ ][ ] CONTESTS
[ ][ ] BOOTH AT THE WWA FAIR	[ ][ ] ANTIQUE RADIOS	[ ][ ] VHF/UHF
[ ][ ] WORKING WITH YOUTH GROUPS	[ ][ ] DX	[ ][ ] EXPERIMENTATION

Other hobbies, interests, skills:_____

Club badges are available for $9.00. If you would like a badge, please PRINT the following:

Badge Name_____ Badge Call Sign_____

Applicant's Signature_____ Date_____

ANNUAL MEMBERSHIP DUES: FULL OR ASSOCIATE MEMBER $30
FAMILY MEMBER (AT SAME ADDRESS, FIRST TWO) $15 EACH (ALL ABOVE 2 ARE FREE)
SENIOR MEMBER (65 AND OVER) $25 FULL-TIME STUDENT (UP TO AGE 25) $15
LIFE MEMBERSHIP = 20 TIMES ANNUAL DUES (PAYMENT PLAN AVAILABLE)
Seven dollars ($7.00) of your annual dues is for the Club's monthly newsletter (The Logger's Bark)

FOR RCT USE ONLY
Dues received $_____ Treasurer's initials_____ Date_____

Badge fee rcvd $_____ Treasurer's initials_____ Dat_____

Receipt Number_____ **Radio of Tacoma Membership Number**_____

THE LOGGER'S BARK

Radio Club of Tacoma, Inc.

P.O. Box 11188

Tacoma, WA 98411

NON PROFIT ORG.

U.S. POSTAGE PAID

TACOMA, WA

PERMIT NO. 1078

RETURN SERVICE REQUESTED

JUNE, 2003 EVENTS

JUNE 4- Board Meeting, 7:30 p.m. Clubhouse - All members welcome

JUNE 7- Pinochle Potluck, Last one till September

JUNE 8– W7DK @ the Beach, Owens Beach Pt Defiance Park

JUNE 10 - License Testing - 7 PM, Clubhouse

Happy Father's Day

June 11- Club Meeting - Library Administration Center, 7:30 PM

Program:

June 15– Happy Father's Day

June 15 - ***BARK deadline*** - PLEASE *please* get articles, columns, etc. in by that time!

June 25 - Club Meeting - Library Administration Center, 7:30 PM

Program:

June 28-29 Field Day– @ Tacoma Rifle & Revolver Club

Support OUR club - Attend meetings, volunteer, elmer.

- Check in to the 2-meter Net every Tuesday night at 7:30, on 147.28. Hear additional information on programs and other events.
- *Check in on the 10 Meter Net every Sunday evening, 8 PM, on 28.375 MHz USB*
- See page 8 for meeting program schedule. Check the weekly net for updates to the program schedule.
- YLs - Check in to the YL Net on the 147.28 repeater every Monday at 8 PM.

W7DK EVENTS CALENDAR

June 2003

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 Roy Myers Jr WA7UZL * Michael Soronen KB7SCO * William Childers KD7NJV 8:00 PM 10 Meter Net - 28.375 MHz	2 Week 22	3	4 Diana Bushnell WA7BLF * 7:30 PM RCT BOARD MTG	5 Paul Jones AC7UJ *	6	7 W7DK Open House 10:00 AM - 2:00 PM Christopher Jones KD7TQO * Nick Winter WA7IVO *
8 Paul Fleming KD7UYK * 8:00 PM 10 Meter Net - 28.375 MHz	9 Al Campbell KA7BIY * Week 23	10 Garfield Klinger Jr KC7LZL* 7:00 PM RCT LICENSE EXAMS	11 07:30 7:30 PM W7DK GENERAL MEMBERSHIP MEETING	12 David Leavens N7GM *	13 Angela Korn KC7EQ *	14 W7DK Open House 10:00 AM - 2:00 PM Flag Day William Jonez AB7WJ * Robert Pensworth KC7HIR * Thomas Murphy N7QHX * Flag Day
15 Father's Day 8:00 PM 10 Meter Net - 28.375 MHz	16 Week 24	17 Mary Cook KC7SYW *	18	19 Brian Terjeson NoCall John Robbins KA7OKU *	20 Ben Rasnick K6VBC * Robert Osborne KC7ZLH *	21 W7DK Open House 10:00 AM - 2:00 PM Roger Nace K8RN * Dennis Level KC7VUL *
22 Melody Stepp KD7RKW * 8:00 PM 10 Meter Net - 28.375 MHz	23 Mark Rader KC7AFO * Harry Howell KB7WYO * Chris Devine KD7CZL * Week 25	24 Shirley Murphy N7QHW *	25 7:30 PM W7DK GENERAL MEMBERSHIP MEETING Grace Teitzel AD7S * Louis Metz Jr KC7VUM *	26	27 Norm Hoppe K7DCN *	28 W7DK Informal Flea Market W7DK Open House 10:00 AM - 2:00 PM Mike Piechowski KC7UFV * Randy Hanson N7HNX * Del Newhouse KD7HYU *
29 8:00 PM 10 Meter Net - 28.375 MHz	30 Cal Morgan W7SFT * Week 26					

radio club of tacoma W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

ARRL RADIO CLUB OF TACOMA W7DK

VOL. XXXX NR. 6 W7DK JUNE, 2003

From the President, Mick KK7QS



I just want to remind everyone that even though we have a lot of projects going on at the clubhouse there is a lot of fun events coming up in the next few months. We don't have to get so lost in all the work we forget why we got our license to begin with. That is of course **TO HAVE FUN!**

We are going to start with W7DK At The Beach.

This is a fun time at Owen Beach and gives us all a chance to get out and enjoy the early spring weather. It is traditionally a challenge to see who can come up with the most creative antenna. I understand we will have a way the test the efficiency of your creation this year. I think we should put a tuner on the new metal roof the kitchen has and see if we can load it up. It will be on June 8th and promises to be a lot of fun. Hope to see every one there.

Next on out schedule of fun events is Field Day.

Field day is on the last weekend in June. It is June 28th and 29th. It is one of the most fun events of the year and you should try to participate. This year the club will be supported by an all female station. The ladies will operate the 20 meter phone station. They will do all the operating and logging for that band. If any of you ladies would like to give it a try or just stop by and check it out please get hold of Carol Robson, K7ROL. Carol has done a lot to put this team together and would love to have your support. Come out and enjoy the fun. We will have a pot luck dinner on Saturday evening. This year we will have field day at The Tacoma Rifle and Revolver Club in University Place. If you attended last year it will be easy for you to find as it is in the same place. If you have any questions or are interested in participating please call Jerry Seligman, W7BUN.

Don't miss it. This year will be better than ever.

This year our ham fest will be held at Bethel Jr. High School auditorium. Frank, AC7JY and Jill, K7JIL, (the Palmers) have been working all year preparing for this event. They have arranged for the use of the junior high auditorium and all the tables. The last ham fest committee meeting was held at the sight and it looks very good. There will be hot-dogs, coffee, soda, and the likes available from a small food booth operated by my wife Dawn and her daughters. Don't miss it. This year will be better than ever.

Bill Jonez, AB7WJ appointed to W7DK board.

Bill has been appointed to the board of director to serve the remainder of the term that Roger T. WA7ANJ was serving. Roger asked to be relieved and Bill agreed to resume the duties. **Thanks Bill!**

One last note. I would like to thank Carol, K7ROL for arranging the donation of furniture and computers the club has recently received. We now have some nice useful items. **Thanks Carol!**

73 de Mick, KK7QS

Events and News Brief

- New board member appointed.
- Club house gets donation of furniture
- Field Day June 28-29

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FIELD DAY 2003

CQ FIELD DAY, CQ FIELD DAY, CQ FIELD DAY

Yes, it's that time again when we set up for the largest nationwide emergency preparedness exercise of the year, June 28-29. Field Day, for those of you unfamiliar with the term, is a once-a-year event sponsored by the ARRL. Clubs, groups, and individual hams participate by operating in the several classifications provided in the rules. Field Day is in the form of a contest, but its main purpose and design is to test our capabilities to operate in a disaster environment without commercial power, and the comfort of our homes and ham shacks.

(continued on page 9)

RADIO CLUB OF TACOMA – 2003

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Announcements

>>Radio Club of Tacoma Hamfest 2003 needs volunteers to help out in many areas. Meetings are being scheduled now t plan for the Hamfest which is in August. Contact Frank, AC7JY the Hamfest chair. *AC7JY@msn.com*

>>>>GET ON THE AIR (and stay there) ! The last Saturday each month is designated as a special club activities day wit a mini swap meet and lunch provided by the club. One of the primary purposes is to allow new members to get to know other members, the club equipment, and find Elmers. Bring your questions, problems, equipment, manuals, antennas, a even installations. Many knowledgeable and talented people want to help you.

>>The Elmer Board is published for a reason-use it or volunteer.!

>>Needed: Faculty to do the Boy Scout Radio Merit Badge program see info on page 5.

>>Ladies interested in participating in the 20-meter Field Day Ladies Only band, contact Carol K7ROL 253-564-8666. We need all the help we can get. Field Day is the last weeker of June.

CLUB MEETINGS: 7:30 PM 2nd & 4th Wednesdays of each month at the Pierce County Library Administration Building, 3005 - 112th Street East, Tacoma, WA

W7DK/Radio Club of Tacoma

147.28 / .88 MHz

147.38 / .98 MHz (PL© 103.5)

144.97 - Packet

440.625 / 445.625 (PL© 103.5)

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 253-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to lmartek@cs.com or mail to Lynnette Martek, KD7BVO, 308 118th Ave. Ct. E., Edgewood, WA 98372. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. *The Logger's Bark* does not verify or guarantee statements in the Swap or Want columns. Permission is granted to use any or all portions of articl published in *The Logger's Bark* if credit line is included in the report

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The Radio Club of Tacoma is a non profit organization as defined l law, and all proceeds will be used exclusively for charitable and ed cational purposes.

Radio Club of Tacoma Meeting Minutes

Radio Club of Tacoma Membership Meeting

April 23,2003

Meeting opened at 1933 hrs by President Mick Pier, KK7QS. He also led us in the Flag Salute.

Introductions were made around the room.

Illness or Silent Key: Don Perry, KB7AGR. Worth, W7WG, is at home and doing well.

Correspondence: Address corrections, newsletters, ads, bills, and membership form.

Announcements: New carpet has been installed at the clubhouse. Mick mentioned an upcoming event in Kitsap; you can see him for details. Frank, AC7JY, told us that the Hamfest meeting would be at 7 P.M. May 1, 2003, at Bethel Junior High School. Jerry, W7BUN, mentioned upcoming programs and classes. The classes are filling fast. Field Day is coming up fast. We will measure our beams this Saturday. We are in need of shelters for Field Day.

Program: John Pitts, W7RG, gave a presentation about antennas. Sealing fittings, terrain considerations and much more.

More Announcements: Reminder that W7DK at the Beach will be June 8, at Owens Beach. John, AC7LK is planning on bringing a radio game, and the antidote potato salad. Rich, N7ANF, mentioned the Mother's Day breakfast at the clubhouse on May 11th. Jerry reminded us that this Saturday is the last of the month and the clubhouse will be having the mini Flea Market.

Logger's Certificate: Mick, KK7QS, John, AC7LK, and Jill, K7JIL, all received endorsements to their Loggers Certificate.

Good of the Order: Gary and Lynette Martek will be leaving us. They are moving to South Carolina.

Hints and Kinks: Rich reported that he has most of the parts needed to build the temperature sensor that was featured in the Bark. See him for details.

Door Prize: ARRL Antenna Book donated by Bob, K7IND. Won by Herb, KB7SRN. Paul, KD7UBO, won prize radio.

70 people signed up as in attendance.

Adjourned at 2120.

Radio Club of Tacoma Board Meeting

May 7, 2003

Meeting opened at 1933hrs by V.P. Rich, N7ANF.

Minutes were approved as written.

Correspondence: Address corrections, membership form, bank statements, and broadband bill.

Treasurer Report: For April 2003 we had $1,434.95 income and $1,925.31 expenses.

Committee Reports: Emergency Operations, Jud, KD7QYU, reported that both nets were going well. The 147.50 simplex is doing very well. There will be a practice emergency exercise on Monday May 12th. Scholarship Committee reported by Jerry, W7BUN. MSP to approve the scholarship guidelines.

1. RCT scholarships will be available to Western Washington students.

2. Applicants must have a demonstrated financial need.

3. Applicants must be studying a scientific or technical course.

4. Applicants must be enrolled in post-secondary education in a college or vocational school.

5. The first RCT scholarship will be for the amount of $500.

6. Flyers describing the scholarship and inviting applications will be sent to Tacoma and Pierce County high schools, colleges, and vocational institutes, to the ARRL, advertised on the club web site, published in the Logger's Bark, and announced at club meetings.

7. Applications must be submitted by August 1, 2003.

Repeater Committee: General discussion on our repeaters.

Training: No new classes until October.

Hamfest: Frank and Jill, AC7JY and K7JIL. We had our meeting at Bethel Jr. High. Lots of help still needed.

Field Day: Jerry. Generators have been run and will be checked again. Set up will be Friday prior to Field Day.

Western Washington Fair: Jill told us that the sign up schedules will be going out in June.

Health and Welfare: Doris Enrigh, W7BIH, is a Silent Key. Ralph Fuller, KB7FIG had a triple by pass, and Del Kohler W7JG had by pass surgery.

Mother's Day breakfast will be open and no charge.

New Business: MSP to offer a free membership in the club for the remainder of the year to anyone who attends our Technician class, tests, passes and is licensed.

Good of the Order: Thanks to Gill for the homemade "Goodies" she brought.

In Attendance: Rich, N7ANF; Chuck, AC7QN; Roger, WA7ANJ; Frank, AC7JY; Jill, K7JIL; George, KK7FM; John, AC7LK; and Ed, KC7OKS.

Visitors: Bob, N7AHB; Jerry, W7BUN; Mickey, KD7NUV; Al, K7HW; Ray, KD7MVG; Roddney, KD7SXZ; Randy, KD7TRA; David, KD7UBI; Dick, K7ITX; and Adam, KD7TQX.

Adjourned

****

Radio Club of Tacoma Membership Meeting

May 14, 200

Meeting opened at 1930hrs by Mick, KK7QS, who led us in the Flag Salute.

Introductions were made around the room.

Illness or Silent Key: Doris Enrigh, W7BIH

Correspondence: Bank statement, tax bill, newsletters, address corrections, and ads.

Treasurer: In the Bark.

Announcements: Bill Jonez, AC7WJ, will replace Roger, WA7ANJ, as a Board member. Newsletter items need to be sent in to Mick for the next issue. They are working it now. The e-mail is listed on the club web site. George, KK7FM, is looking for someone to help with the Scout camporee this Saturday at Ft. Steilacoom park. Jerry, W7BUN, next meeting ARRL message handling. Field Day coming soon.

(Minutes Continued on page 8)

HAMFEST 2003

E3 (entertain, educate, enjoy) Demos at the Hamfest

This year, as usual, we are looking to make the W7DK hamfest better and more memorable than any other. One of my main motivations for attending a hamfest is to learn something. Usually I accomplish that by asking vendors, "What is that?" or, "How does that work?" I am excited to bring a less random learning experience to the W7DK hamfest.

Following on the success of last year's few but outstanding demonstrations, we are going to have an expanded demonstration section. Think of it as being like your school science fair. It is an opportunity to showcase your understanding of basic scientific principles like resonance or impedance matching or harmonics or... you pick one. Or, I'd love to see your latest design for a whatzit and the process by which you developed the new whatzit. Or, a good demo of a less common mode of operation would be very interesting. Tasteful humor would also be welcome.

Table space will be made available for demos. While I don't think you should be selling in the demo space, I think it would be o.k. to have a pointer to a vendor table of something that is part of your demo. In order not to have duplicates, it would be good to sign up with me (KK7FM) or Frank (AC7JY). If several people have the same idea, we will encourage you to work together.

I am so excited about this idea, that I think I will offer a prize for the best demo. What that prize will be and how it will be judged will be decided when I have time. Don't wait to start though, because the biggest reward is the interest you will generate, and the admiration of your peers. There are no rules, as yet except the 3 E's— **entertain, educate, enjoy.** So gather your best ideas and a friend or two and let's see what we can produce.

Let's make this the best hamfest ever. 73 de KK7FM, George

Hi Gentlemen,

Thanks for the great turn out and participation in Saturdays, May 3 2003,training and informational Meeting of the Pierce County ARES/RACES Mobile ECRTs. The following were attendees; Ted, W7TED (ECRT7) Zone 5,Gary, W7NTF Zone 5,Jerry, KD7OPE Zone 6 and myself Mario, KD6ILO (ECRT6) Zone 3&4. Guest were David, KC7RRH Federal Way ARC/ECRT and Larry, KD7TQW. Larry, we would like you to join the team?

We did as per the meetings scheduled events. Traffic handling via Win Pack Packet terminal program and passing out of the template for the ARRL Message Form and CRPO Form (Communications Resources and Personnel Operations Request Form).

Second discussion was the possible training and use of the new EcCOMM Packet Program "FNpack" which has great potential for ARES/RACES EcCOMM, but for now we will stick to Winpack as the standard ECRT and PC-ARES/RACES user software for packet traffic handling.

We also discussed ATV and using it more in full-duplex operations in future ATV taskings, we do have the equipment resources, but lack more ATV operators. I will also be upgrading the ATV (AM) repeater with a new duplexer system, testing it and moving it to its new home above NE Tacoma. The FM ATV repeater in South Tacoma will be used to link Cougar Mountain with Tacoma and it is working well in a stand alone mode at the moment (2417.00 input and 1280.00 MHZ output) The AM ATV repeater has a 434.00 MHZ input and 1277.25 MHZ output.

The tasking so far for ECRT is with the Pierce County Medical Services Teams for "Top-Off2", more info to follow.

The next meeting will be held at the WSDOT Conference room here in Tacoma to include a tour of the Traffic Management Center (Olympic Radio) where myself and Jerry (KD7OPE) are employed. It will be in June, date to be determined.

So far we have one team member in traini one potential new team member and a lot more coming up. We will be planning an ATV Pierce County link test (South Hill, Spanaway and NE Tacoma).

Thanks for attending sorry if you missed t activities for those who could not attend. Meeting was held on lower parking lot jus below the RCT clubhouse at 1310 Union Ave.

73' Mario

ECRT Web page

http://www.geocities.com/kd6ilo/ecrt.html

Check in to the Tuesday evening Net at 7:30p.m. on 147.28 (the W7DK repeater) for the

ARES/RACES BY SHIRLEY MURPHY, N7QHW

Mark Yordy, W7BBO, Emergency Coordinator/RACES Radio Officer is to be open to any and all ideas from anyone on how you feel ARES can best be promoted in Pierce County. Contact him via email at w7bbo@juno.com.

A reminder to all, if you are interested in ARES and have HF privileges, you are welcome to check into the WA States ARES net held on Mondays at 6:30 PM and Saturdays at 9 AM on the frequency of 3985 KHz. The back up frequency is 7245 KHz.

Rich Heasty, KK7VH, the Net Manager for Pierce County Amateur Radio Communications Services nets is still looking for volunteers to help run the net. He may be reached at 360-897-6576 or via email at rheasty@wolfenet.net if you would like to volunteer to do a net.

Shirley Murphy, N7QHW, manages membership applications and maintenance of the roster. Contact Shirley at 253-265-3661 or via email at sundancealso@harbornet.com regarding any questions or concerns relating to Department of Emergency Management Worker Identification Cards. A reminder to all that if your DEM card has an expiration date anytime during 2003, contact her for a renewal form to get an updated card.

Special Events Manager is Judy La Fleur, N7NII, who can be reached via telephone at 253-847-5198 (you must leave a message and she or her representative will get back to you). **SOUND TO HARROWS** is June 14 and Judy needs lots of help for this event. Contact Judy at n7nii@msn.com or 253-847-5198 and leave a message with your name, call, phone number, what you are volunteering for and how late can she call you.

Medical Services Manager who is Pat Nicholson, N7WGR, and he is looking for volunteers to help support the communications needed for medical facilities. Contact him at 253-864-6589 or via email at patn0011@earthlink.net.

Mario Badua, KD6ILO, is leading the Emergency Communications Emergency Response Team. These are the folks that are the first persons to be called out for events. He has zones 3, 4, and 5 covered but is looking for volunteers to cover zones 1, 2, and 6. Volunteers would need a 4 wheel drive vehicle equipped with radios. Ideally, a 2 person team is desired but to get started, a single person can be a responder. Contact Mario at 253-952-5880 or via email at kd6ilo@arrl.net. Look for his ECRT report elsewhere in the Bark.

We have a celebrity in our midst. Bud Mitze, K7BUD, spotted a funnel cloud over Commencement Bay on May 15, 2003 and it touched down and became a water spout which is what they call a tornado that touches down over the water. Anyway, he was interviewed by KIRO TV and became part of the local news at 5 PM that evening. He was good too. Be sure to give him a big congrats the next time you see him.

Watch the NOAA website for future Skywarn weather spotter training classes. The web address is www.wrh.noaa.gov/seattle.

I would like to once again encourage everyone to get active in ARES/RACES and get behind our leadership persons and give them your support.

Don't forget to check into the Pierce County Amateur Radio Communication Services net on each Tuesday at 7 PM on the 146.640 MHz repeater.

ARES/RACES web page is http://piercecounty.tripod.com.

Check it out and see what is happening. More information will be added as it is needed or becomes available. The net preamble is also available on the web page.

Thanks to all for your support of ARES/RACES.

73 Shirley, N7QHW

Pierce County Phone Numbers:

Pierce County Emergency Coordinator: Mark Yordy, W7BBO 253-857-5123;w7bbo@juno.com.

Assistant Emergency Coordinator/Zone 1 Manager: Rollo Van Slyke, N7JQ 360-876-2803; rollo@worldfront.com

Assistant Emergency Coordinators/ Anderson Island Managers: John Mollan, AE7P and Donna Mollan, WB7FDE. John and Donna can be reached at 253-884-1679; ae7p@arrl.net.

Net Manager for Pierce County Amateur Radio Communications Services nets: Rich Heasty, KK7VH 360-897-6576; rheasty@wolfenet.net

Membership Applications and Roster Maintenance: Shirley Murphy, N7QHW 253-265-3661; sundancealso@harbornet.com

Special Events Manager: Judy LaFleur, N7NII 253-847-5198

Medical Services Manager: Pat Nicholson N7WGR 253-864-6589; patn0011@earthlink.net

Emergency Communications Emergency Response Team lead: Mario Badua, KD6ILO 253-952-5880; kd6ilo@arrl.net

UPGRADE YOUR LICENSE!

RCT VE TESTING

EVERY SECOND TUESDAY OF THE MONTH

AT THE CLUBHOUSE AT 7 P.M.

Anyone wanting to take any element of the amateur radio tests is welcome - no reservations needed.

RADIO CLUB OF TACOMA 147.28 MHZ

TUESDAY EVENING NET

MARCH, 2003

Net Checkins –by Call Sign, number of checkins, and First Name

NET CONTROL STATIONS:

April 1-KK7QS **April 22-K7BUD**

April 9-KA7IOX **April 29-W7BUN**

April 15-WG7X

W6PWR 1 DICK
KD7AAG 1 MARK
WB7AUJ 4 DAVID
KJ7BN 1 MARILYN
AC7BU 3 AL
K7BUD 4 BUD
W7BUN 4 JERRY
KD7BVO 3 LYNNETTE
KC7CLM 1 PHIL
W7DON 1 DON
W7EC 3 HAL
W7EG 2 BOB
KC7EQ 2 ANGELA
K7FCS 1 FRED
KK7FM 5 GEORGE
KD7HYU 1 DEL
W7IMW 4 JACK
KA7IOX 2 SCOTT
K7ITX 4 DICK
K7JIL 4 JILL
KC7JME 3 NORA
KC7JPJ 1 BRUCE
AC7JY 4 FRANK
W7KFN 1 RAY
KD7KPY 1 KEITH
KD7KPZ 1 DANA
KB7KSY 1 EDITH
AC7KQ 2 RAY
AC7LK 4 JOHN
KD7MVG 5 RAY
KD7NES 3 GWEN
KD7NUB 3 MICKEY
WA7OHG 3 WADE
KC7OKS 3 ED
KD7OLP 1 VINCE
KB7QAG 5 JEFF
KD7QBF 2 MIKE
WB7QCK 3 BOB
N7QHW 3 SHIRLEY
N7QHX 3 TOM
AC7QN 1 CHUCK
N7QOZ 4 BOB
KK7QS 3 MICK
KK7QW 3 PETE
KD6QYS 4 TROY
KD7QYU 5 JUD
W7RDZ 1 RAY
KD7RKX 2 LARRY
K7ROL 4 CAROL
W7RQ 1 JOE
W7RW 4 ANDY
AE7RW 2 RICH
KD7RW 1 WALT
W7SKI 5 BOB
KG7SM 1 BOB
KD7SQR 1 DOUG
KB7SVX 3 JEAN
KD7SXU 5 GARRY
KD7SXY 1 JIM
KD7SXZ 5 RODDNEY
KD7TJE 3 JIM
KD7TQW 5 LARRY
KD7TQX 4 ADAM
KD7TRA 4 RANDY
KD7TRB 2 ROB
KD7UAA 5 BOB
KD7UBD 1 MIKE
KD7UBI 4 DAVE
KD7UBL 1 SHAWN
AC7UJ 1 PAUL
KD7UKD 2 GARY
KD7UKG 3 NYATH
KD7UYN 1 DEBBIE
KD7VBW 1 RENEE
KD7VJR 3 JUDSON
N7VPB 1 JO ANN
KC7VUM 2 LOU
KC7VUQ 1 JONATHAN
W7WG 3 WORTH
AV7WJ 4 BILL
AC7WW 3 JOHN
WG7X 2 GARY
KB7ZDR 3 MICHAEL

ELMER BOARD

Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members' areas of interest.

1.Technical questions, Classes

2. Help with Code

3. License Examinations

4. Antenna and Station planning

5. Antenna and Tower erection

6. Buying new or used equipment

7. Equipment repair

8. Understanding and operating your equipment

9. DX and Contests

10. Club and ARRL activities

11. Using test equipment

Name/Call Sign /Phone Number/Help with topic

Jerry, W7BUN 253-845-7652: 1,4,6,9,10

Alan, KB7SVU 253-840-4947: 4,5,10

Frank, AB7YZ 253-752-8520 : 2,3

Roger, WA7ANJ 253-475– 4293: 1,2,3,4,7,8,11

Angela, KC7EQ : 2

John, AC7LK 253-984-6709: 3, 4, 8,10,12

Mick, KK7QS 253-847-8223 : 12

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the Elmer Board!

June 11th UPCOMING PROGRAMS AT RCT June 25th

WEDNESDAY, JUNE 11TH-CONTRUCTING RADIO PROJECTS

Dick Ohls, K7ITX, will present ideas on "home brewing" gadgets and accessories for your station. He will show how to use perforated boards in place of circuit boards, how to choose correct part values, and where to obtain components. Dick will tell where you can find ideas and circuits for easy-to-build projects.

SATURDAY JUNE 21ST – PRACTICE TOWER ERECTION

1 PM at the clubhouse – a practice exercise to erect one of the 40' towers that will be used for Field Day. All those that will be helping in tower erection on June 27th are invited to participate.

WEDNESDAY, JUNE 25TH-FIELD DAY PLANS

All members and guests who plan to participate in Field Day are strongly encouraged to attend this meeting. Preparations for Field Day will be finalized. Operators, equipment, antennas, shelters, laptops, and other activities will be scheduled. Also, there will be a brief presentation outlining the purpose of Field Day, the goals of the club in this exercise, and techniques of efficient operating. (SEE FIELD DAY ARTICLE FOR DETAILS AND SCHEDULES)

FRIDAY, JUNE 27TH – THE DAY BEFORE FIELD DAY

12 Noon at the clubhouse – pick up and transport to the Field Day site, in University Place, all equipment, antennas, generators, gas containers, coax cable, and AC distribution cable. All members with pick up trucks and vans are needed to help.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please contact Jill Palmer, K7JIL, 253-539-7772 or e-mail hamtalker2@msn.com

Letters to the Editor

Dawn KC7VZM is filling in as BARK EDITOR, please submit letters to:

thebark@comcast.net.

Please submit BARK article by the 15th of each month.

(meeting minutes continued from page 4)

Program: Harry Lewis, W7JWJ, ARRL Section Manager, ARRL and ARES

Remember W7DK AT THE BEACH. June 8th.

Committee Reports: Jerry explained the Scholarship Committee approved guidelines for scholarships. Rich, N7ANF, reported on the good pancakes at the Mother's Day Breakfast. Shirley, N7QHW, reported that the WW Fair starts Friday after Labor Day. Sign up sheets will go out in June. Contact Jill, K7JIL. Jud, KD7QYU, reported on the emergency nets, and how the exercise went on Monday. Frank, AC7JY, reported that the Hamfest is coming on August 16th.

Logger's Certificate: Fred, KC7OKS, received an attachment to his Logger's Certificate

Hints or Kinks: Carol, K7ROL, has gotten some equipment, computers, chairs, ect. donated to the club. Good Job Carol!

Tuning and Traffic: Jerry worked a rare island off the coast of Africa.

Good of the Order: Mac Parks, W6NBD, is working on getting back on the air. If you hear him give him a friendly hello. Jud, KD7QYU, is trying to get a Fox Hunt going on 2 meters FM. He could use some help.

Door Prize: A helping Hands Magnifier, won by Jean, KB7SVX. Cash prize won by Roddney, KD7SXZ, $42.

52 signed up as in attendance. Adjourned at 2045

ARRL RCT VE Team Report by Shirley Murphy, N7QHW

ARRL RCT VE Team Report

May 2003 testing consisted of two different sessions held on two different evenings. Thanks to all the VE's who came to both sessions.

Twenty-seven people tested the two VE Testing sessions. Out of the 27 people, 12 people achieved a new license, 4 people achieved an upgrade, 4 people passed the requested element but did not upgrade and the remaining 7 were not successful in their attempt to pass the requested test element.

Overall, there were 31 test elements given. 22 were passing and 9 failures for a percentage rate of 71% passing.

Achievements included 12 Technician Class license, 3 General Class license, and 1 Extra Class license.

Congratulations to Radio Club Members Gary McFadden, K7UPG, General Class and Judson W Morris, III and his son Judson W Morris, IV who are well on their way to becoming General Class, (once they capture that elusive Morse Code).

Congratulations to the group of instructors who prepared the people so well that the majority of them were successful at this testing session.

Thanks also to the VE Team members who helped make the testing session run so smoothly. It is very much appreciated and couldn't be done without you. Keep up the good work and next month I'll raise your salary for sure.

73, Shirley, N7QHW, Radio Club of Tacoma VE Team Liaison

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(FIELD DAY Continued from page 2)

This year we will be setting up in the fields at the Tacoma Rifle and Revolver Club, 8503 Chambers Creek Road West, in University Place (the same location as last year). The site is ideal and will provide us with the room to temporarily install six HF stations, a VHF station, as well as satellite, ATV, and packet operations. Due to projected less than optimum HF band conditions, we will be stressing 160-20 meters and hoping that 10 and 15 meters will also be productive. We will operate three element beams on 40-foot towers for 20 meters CW and SSB stations. Dipoles will be shot over 100 foot tree branches for 40, 80, and 160 meters.

The 20-meter SSB station will be operated exclusively by lady operators. All ladies are invited to participate – no experience required.

Setup will start Friday afternoon, June 27, and finish on Saturday morning. The actual 24-hour contest starts at 11 AM on Saturday. There will be training sessions, a team of experienced contest

(*continued on page 9*)

warriors, and plenty of opportunity to jump in and learn how to rack up the contacts and points for the total score. This is truly a family event where you can camp out overnight and enjoy ham radio's biggest weekend. Our objective this year is:

"MAXIMIZE OPERATING EXPERIENCE AND CONTEST TRAINING AND HAVE FUN."

Don't forget, setup will commence Friday at noon at the clubhouse. After transporting all the equipment to the site, we'll need lots of help to assemble the beams, raise the towers, lay out the AC distribution system cables, and help set up the equipment for the 11 AM Saturday start. Bring your lunch for noon Saturday and bring a potluck dish or dessert for the Saturday evening meal. Breakfast and lunch will be furnished Sunday, and coffee and soda pop will be available all weekend. The club will barbecue hot dogs and hamburgers for Saturday evening and Sunday lunch. Bring a sleeping bag, RV, or tent and camp out for the weekend. Bring the family – it's going to be a lot of fun.

Request for Volunteers:

Needed: Faculty to do the Boy Scout Radio Merit Badge program.

I need 12 or 13 people who can commit to 2 days each during the period from July 7 through August 9. The program will take 1.5 hour per day. A large faculty will spread the load so that no one will be required to spend more than two days at the camp. If I get a favorable response, I will organize a training session for instructors

73 John AC7LK

Pacific NW Hamfests

June 6, 7, & 8, 2003. Wenatchee Hamfest, Dryden Gun club. Dryden, WA. Free RV and tent sites, Saturday Breakfast, Saturday night country style dinner. VE testing, 1300 Saturday. Contact John, N7RHY, N7RHY@gte.net for information.

June 13, 14 & 15, 2003. Sea-Pac Hamfest. Seaside Convention Center, Seaside, Oregon. This is the ARRL Northwest Division convention, and it is a popular one! Seaside is a popular resort area, and the family and kids will enjoy touring the area while the ham in the family attends the festivities. Exhibitors Call: Al Berg, W7SIC (503)816-7098. Registration info call Will Sheffield, N7THL. (503)642-7314. Email n7thl@juno.com . http://www.seapac.org/.

June 14, 2003. Hamfest 2003. Kootenai Amateur Radio Society. Lions Club, Hiway 53, Rathdrum, ID. Free overnite RV parking for self-contained. Breakfast and lunch available, Free entrance and free tables (first come first serve), VE Exams. Doors open at 6am. Talk in 146.98 For more info contact Jim, N7ESU at (208)667-4915 or email jim@intermountainsecurity.com .

Information gathered from the website of N7CFO

WANDERING THROUGH THE IRLP with Dick K7ITX

John AC7LK arranged a schedule with Hams in London and Sweden to coincide with his Boy Scout class at the ClubHouse, as a demonstration of the IRLP. However neither Ham responded when the class started. Suddenly part way into the class, a non-scheduled London Ham called on our IRLP node 7110. John began a QSO with him and suddenly both scheduled Hams from London and Sweden broke in. So the demonstration turned out to be a success. Way to go John!

Stephen KB7WKK, in Hawaii, brought up our IRLP node to make contact with Angela KC7EQ. Mickey KD7NUV made contact with him while I called Angela on the landline. Angela then joined the QSO. Stephen had received his Ham license through Angela several years ago, so they ha a nice QSO and re-union via IRLP.

My XYL Elizabeth has her own node on "Echo Link" in Palm Springs, California. The "Echo Link" broke down the other day while we were in QSO, but thanks to our IRLP I was able to make contact with her and finish our QSO.



Come join the fun on IRLP

73,

Dick K7ITX

CHALLENGE OF THE MONTH

CHALLENGE OF THE MONTH FOR MAY:

You're a member of a Dxpedition team and you're assigned to carry the 40-pound power amplifier transformer along with several lengths of coaxial cable. The flight to the island allows 30 kg of carry-on weight. If your coax weighs 4 ounces per foot, how many feet of cable can you carry on board?

ANSWER:

Thirty kg is equivalent to 66 pounds. Subtract the weight of the transformer and you have 26 pounds for cable, four feet of which weighs 1 pound. You can carry 104 feet of cable (without connectors).

CHALLENGE OF THE MONTH FOR JUNE:

A new tower requires a base of no less than 2.5 cubic yards of concrete. The area available for you to dig the hole is 3 X 4 feet. How deep does the hole have to be to hold the required volume of concrete?

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Every Saturday the Clubhouse is open from 10 a.m. to 2 p.m.

Jamming and Intentional Interference

by John AC7LK

Periodic jamming and interference with normal repeater operation is frustrating at least and perhaps even a danger when it interferes with the emergency capability of the machine.

The jammer finds pleasure and excitement in the "game" and is encouraged to continue the childish behavior when he knows that his efforts produce a response. That is the reason that the standard for dealing with intentional interference is to NOT ACKNOWLEDGE IT!

The appropriate reaction to a jammer is to do or say nothing. Occasionally, a control operator or another with previously arranged purpose will say something that acknowledges the jammer. This is not an invitation for others to join in, but is a deliberate attempt to keep him busy for another purpose. Please do not get involved and remember that your job is to ignore it.

Our club continues to grow and recently we have seen many CBers come over to us. They have been a great addition due to their enthusiasm and willingness to joininto existing activities and to create new activities. Infact I will go on record as stating that the energy of the club is now coming from growth and new members and that includes new interest from some formerly inactive hams. Nevertheless some of our current difficulty is the result of old habits dying hard.

CB "wars" have no place in any amateurs life. No amateur should operate illegally on any band. The amateur standard of technical knowledge, operating skill and pride in the service is inconsistent with the children's band. Those of us who have continue need for CB should bring to it the standard of "good amateur practices" Perhaps the example will encourage others to upgrade to a meaningful us of the band space and technology. Those who have no need to stay on C are best advised to sell their equipment and move on.

Our service is based on continued efforts towards improvement of our ability to fulfill the purpose of our Federal franchise. Let us all try to avoid conflict at the lowest level and continue to have fun at what we do best.

73 John AC7LK

WHAT DO YOU DO WITH A RUBBER DUCKY?

By Rich N7ANF

My goodness its June already. I apologize for not getting a Ducky note in for May, maybe nobody noticed.
Mothers Day has come and gone and we had a pretty good turn out, with Mothers and guests, about 30 people.
If you have noticed, about twice a month on Saturdays we put out a bunch of flyers on the tables at the club house, when room is available. We get some flack about the technical accuracy of the articles (i.e., flim-flam, old wives tails, poorly written antenna articles). I think that's a matter of opinion, as most of the articles have been tested in the field by hams who use them, without allot of high priced test equipment. And most of us don't have big antenna engineering books, or would understand them anyway. Some really fun stuff to build. All I ask is please don't take the last one, (I haven't a clue what was there so I wouldn't know what to replace it with) let me know and we will make more copies. A couple of months ago someone took what they thought was the next to the last copy of of a stealth antenna article, (it was 2 pages with no staple) so they left page # 2 laying there, and they probably wonder why the article runs out funny at the end of the page. Well I've got the 2nd page and I remember the first page which shows these two guys leaning over a fence talking about putting a hidden antenna on the house. If that was you and you're able to find it, I sure would like to make some copies of it, and we'll get you a copy of page # 2 so it will make sense. Thanks.
Don't forget antenna wars (Sunday, June 8th picnic at Owen beach). We're having a 2 meter antenna gain contest. So build something that will fit on top of a antenna mast we will provide, and then make measurements. And the one who wins will get their car washed by Mick (Just kidding). Als bring any crazy antenna to try out and you'll be judged accordingly. (Is that really a good thing?) Well, we'l let you eat anyway, especially if you bring food with you to share. Somewhere else in the Bark Bud, K7BUI will tell you all about it. Always a lot of good fun.
So thats it for now. Rich ...N7ANF

Don't forget open house Saturdays to 2 or 3.



Grind Your Own Crystals (Or, "A Glimpse Into The Dark Ages")

by Frank J. Billington - W7FJB

You've all had them - thought 'chains'? You think of something, which reminds you of something else - which reminds you of something else? I had one of those thought chains last weekend. I was thinking about a project where I was going to need to use a tape measure. Then I thought of tape measures as being a tool. Then I thought of other tools I use for ham radio, computer repair and so on, and I thought about Phillips screwdrivers. Then I was remembered of a use for a Phillips screwdriver that I haven't practiced in a LONG time.

Grinding crystals.

OK, so I'm old, so what. Spark gap transmitters were passé by the time I became interested in Ham Radio, and transistors were still a ways over the horizon. (We're talking early mid-fifties here - like I said, I'm old.) I came into the hobby when homebrewing was still very popular. When you're a kid in the 7th grade, a 'store-bought' transmitter was something that only rich people could afford. So you built your own. Several of my first CW transmitters were built from parts salvaged from old radios obtained from a local radio repair shop near where we lived in Portland, Oregon. I wound my own coils on toilet paper tubes and plastic pill bottles. Tubes I usually had to buy. That's what my paper route money was for. But since the simplest transmitters were rock-bound (that's where a ground-to-frequency crystal controlled your transmitting frequency), a collection of crystals was a must - IF you wanted any kind of a selection in transmitting frequencies.

But back to being a kid without a lot of money. It didn't take long to find out where the action was in the bands. You've heard the saying, "If you can hear 'em, you can work 'em"? The converse variation back then was "You won't be worked if you can't be heard." So, how to get your transmitter frequency onto the lively spots if you don't have the bucks to buy a bunch of crystals? Grind your own.

This would necessitate finding crystals at frequencies that were a bit lower than where you wanted to be, because when you grind a crystal, you make it ever so slightly thinner, raising the oscillation rate, and thus the frequency. Crystals were a lot more plentiful back then, and the 'unpopular' frequencies were a little easier (and cheaper) to come by. So you figured what frequency you wanted and bought one a little lower.

And that's what I'm writing about; "How To Grind Crystals"

You will need a few basic items, commonly available. Well, sort of. A piece of window glass, at least six inches square. A little bigger would be OK. Some common scouring powder. A smallish Phillips screwdriver. (See, there's the tie-in!) A soft absorbent rag. And some water. The glass should be - at least back then - something fairly new. Older window glass was not exactly the universal thickness that today's computer-controlled manufacturing machines turn out, and it wasn't always as smooth-flat as it could be. And you *really* didn't want anything from one of the old houses you sometimes saw being torn down. (That window glass often had some really interesting distortions in it.) You wanted something 'newer' that was truly flat. You'll see why this is important as we go along.

OK, having assembled the necessary tools and materials, you could begin.

First, you would remove the (usually three) small Phillips screws that held the metal cover plate onto the Bakelite crystal housing. (See, Phillips screwdriver!) Carefully remove the cover plate, taking care not to destroy the thin gasket. Under that would be a metal plate (one of the two contacts) and under it would

(continued on page 13)

be a small coil spring. You'd bend the plate back just a little and remove the spring. Under that would be the silvery-white crystal wafer, in kind of a rectangle shape. Sometimes you could just tip the crystal housing over and the wafer would fall out onto the cloth. Other times you might have to gently insert the point of wooden toothpick under it, and gently lift it out. The last thing you wanted to do was scratch it.

Onto the piece of glass you'd pour just a little bit of water, and sprinkle a little bit of the scouring powder, just enough to make a kind of thin soup. Spread this soup out over an area about three or four inches in diameter, and then set the crystal wafer right in the middle.

Holding the crystal by a couple of finger tips, and while applying a gentle, even pressure, start to move it around in the soup in a figure-eight pattern. Since scouring powder is slightly abrasive, this would result in a very small amount of the crystal wafer to be ground away.

But remember when I mentioned that the glass needed to be as close to perfectly flat as possible? This is where the flatness makes a difference. If your glass is distorted, you will not grind a universally even amount of material off of the wafer. You can wind up with thin spots where the higher points of the glass had a more abrasive effect on the wafer. Then the crystal will not oscillate smoothly, or possibly not at all. Not good.

Anyway, you'd be surprised how quickly you can change the frequency of the crystal with only six or eight figure-eight passes, so no more than

(grinding your own crystals cont. from pg 12)

that.

Pick the wafer out of the soup, and rinse it off under running water. Make sure that your fingers are also rinsed clean of any of the scouring powder mix as well. When the wafer and your fingers are rinsed off, use the soft cloth to dry the wafer. I used to place the cloth over the heat register and let the warm air blowing through the cloth dry the wafer. You could accomplish the same thing by placing the cloth with the wafer on it where the sun shining through a window could dry it.

Once the crystal wafer was dry, you could reassemble the crystal. Carefully picking the wafer up by the edges, place it back inside the holder. Again, I have to reiterate your fingers must be clean and dry of any water or skin oils. Particularly the oils. That will adversely affect the oscillating frequency.

If you happen to have some plastic tweezers (NOT metal) or feel like making some out of wood, that would be better. What worked for me - back then - was a pair of the old-style toothpicks. You know, the kind that were pointed at one end, but had a kind of flat 'blade' at the other? Sand one side of each of the pointed ends and glue them together (with your model airplane glue) so that they would form a long and very thin "V". Presto! Wooden tweezers. Yes, I should have said something about this back at the beginning, so you'd have them ready. But hey, look at this? Now you're home-brewing tools!

Once the wafer is back in the holder, replace the spring, and bend the metal plate carefully back into place. Put the gasket and the metal cover back on and install the Phillips screws. Now you're ready to find out what frequency you have.

Fire up your transmitter with a dummy load, and while sending a series of dits, tune your receiver slowly upward from where the original frequency was. You should find your tone a few KC up from where you started. Of course, this was an inexact science, given that everything was analog back then, but you could get an idea. If you were lucky enough to own one of the more expensive receivers, their dials had more 'spread' on them with a wider range of increments, and you could get a better idea. I had a Hallicrafters S-38D, and its dial was not all that precise. But it got you in the ball park.

So!

Remember when I said to only make six or eight passes? Are you where you want to be? If so, then you probably lucked out. If not, hope that you erred on the low side, so that you can go through the whole process and grind off a little more. Remember the carpenter's adage; "Measure twice, cut once." It's better to have to go back and take off a little more than to have gone past the desired frequency.

And now you've had a glimpse into one of the many facets of the Ham Radio hobby, back when "Real Radios Glowed In The Dark!" Wasn't that fun?

Frank J. Billington - W7FJB

HEAR YE HEAR YE HEAR YE !!!!!!!!

IT'S TIME TO DO THE PUYALLUP!!!

The time is fast approaching for our organized efforts for the Western Washington Fair in Puyallup. The sign up calendar will be available at meetings in June, July and August. If you are unable to attend meetings, you may contact Jill Palmer, K7JIL, at 253-539-7772 or via email at hamtalk er2@msn.com.

The dates for Western Washington Fair this year are September 5 through September 21, 2003. Our booth is in the Hobby Hall which is open 10 AM to 10 PM Sunday through Thursday and 10 AM to 11 PM Friday and Saturday. The shifts we need to cover are 10 AM to 2 PM, 2 PM to 6 PM and 6 PM to 10 PM Sunday through Thursday and 6 PM to 11 PM Friday and Saturday. We need only two persons per shift. Everyone who helps staff the booth will get a ticket for free admission to the fair. Parking is on your own. There is a silver parking lot for fair workers and we are welcome to use it.

73 and Thanks Shirley, N7QHW

A membership application is included in this month's edition of the Bark - use it for yourself to renew or pass it along to a friend!

QSL Card of the Month

K1B Baker Island

Baker Island is an uninhabited atoll in the North Pacific Ocean, about half way between Hawaii and Australia. The total area of the island is 1.4 square kilometers. It's an unincorporated territory of the US; administered from Washington, DC, by the Fish and Wildlife Service of the US Department of the Interior as part of the National Wildlife Refuge system. The US took possession of the island in 1857, and its guano deposits were mined by US and British companies during the second half of the 19th century. The climate is equatorial with scant rainfall, constant wind, and burning sun.

The April and May 2002, K1B Dxpedition to Baker Island set a world record for Dxpeditions, working 95,127 QSOs in ten days. Members of the team were from six countries.



Taken from Western Washington Section News on the Internet:

SHORTWAVE BROADCAST PROGRAMS & STREAMING AUDIO

Here are links to some of the major SW BC networks of the mid-east

BBC = http://www.bbc.co.uk/worldservice/programmes/index.shtml
Deutsche W.=www.dw-world.de/english/0,3367,1453-184677,00.html
Radio Israel=http://www.israelradio.org/sw.htm
Kuwait Radio=http://www.moinfo.gov.kw/eng/freq/sw.htm
Turkey=http://www.bcinews.it/b02schedules/turchia.htm
Iran=www.irib.com/worldservice/englishRADIO/default.htm
Russia=http://www.vor.ru/world.html
France=www.rfi.fr/fichiers/Langues/rfi_anglais_main.asp
Netherlands=http://www.rnw.nl/en/html/northamerica.html
de Ward N0AX

W7DK @ THE BEACH

SUNDAY JUNE 8TH

OWENS BEACH @ POINT DEFIANCE PARK

11 A.M. TO 4 P.M. POTLUCK BBQ

PLEASE BRING SIDE DISH OR DESSERT, HOT DOGS AND BEVERAGES PROVIDED BY THE RADIO CLUB OF TACOMA

FAMILY, FRIENDS & NEIGHBORS WELCOME, JOIN THE FUN WITH "ANNTENNA WARS" COME SHOW OFF YOUR CREATIONS

Simplex CALL-IN FREQUENCY 147.500

CALL-IN Repeater 147.280

News from the ARRL by Jerry W7BUN

FCC DECLINES TO GRANT LF ALLOCATION, GIVES CHANNELIZED ACCESS TO 5-MHZ

The FCC bowed to power company concerns and declined to grant amateurs an expected sliver-band allocation at 136 kHz "at this time." But, in a compromise with government users, the Commission gave amateurs secondary access to five discrete 2.8-kHz-wide channels in the vicinity of 5 MHz instead of the 150-kHz band ARRL had requested. In its Notice of Proposed Rule Making a year ago, the FCC appeared inclined to go along with both ARRL requests.

The FCC did agree in its Report and Order (ET Docket 02-98) to elevate the Amateur Service--but not the Amateur-Satellite Service--to primary status at 2400 to 2402 MHz. The changes to Part 97 go into effect 30 days after publication in The Federal Register, which has not yet occurred.

"We are disappointed that the FCC could not see its way clear to providing even a narrow LF allocation to the amateur service, given earlier encouraging signs and the general trend in other countries," ARRL Chief Executive Officer David Sumner, K1ZZ, said of the FCC's decision.

The FCC, however, found itself more persuaded by arguments from electrical utilities and other commenters that amateur operation at 136 kHz might interfere with power line communications (PLC) used by electrical utilities to control the power grid.

The FCC said a new amateur LF allocation is not justified "when balanced against the greater public interest of an interference-free power grid."

The FCC said amateurs wishing to experiment with LF could apply for experimental licenses or operate under existing Part 15 rules. "We will not jeopardize the reliability of electrical service to the public," the FCC concluded.

The granting of just five spot frequencies--5332, 5348, 5368, 373, and 5405 kHz--at 60 meters was less of a surprise given opposition expressed last fall by the National Telecommunications and Information Administration (NTIA). The NTIA had cited a possible need for the requested band by federal government users and proposed the five specific frequencies for amateur use on a secondary basis. The FCC has granted operation on USB (2K8J3E emission) only, with a maximum effective radiated power limit of 50 W relative to a 0 dB gain antenna--a half-wave dipole. The channels--each with a maximum permissible bandwidth of 2.8 kHz--will be available to General and higher class licensees.

"While the new amateur privileges at 5 MHz are not as flexible as we had hoped, we recognize that much has changed since the ARRL petition for rulemaking was submitted to the FCC in the summer of 2001," Sumner said. "Federal agencies with homeland security responsibilities have renewed interest in HF radiocommunication." The restriction to USB is aimed at maintaining interoperability with federal government users, who conceivably could require immediate access to one of the amateur secondary channels.

Sumner said the ARRL was pleased to see 2400-2402 MHz upgraded to primary.

"The upgrade of the 2400-2402 MHz amateur allocation to primary provides a seamless primary allocation from 2390 to 2417 MHz, in addition to the secondary allocations of 2300-2310 and 2417-2450 MHz," he said. Amateurs already have been experimenting with high-speed multimedia operation in the band using IEEE 802.11b protocols.

The Report and Order is available on the FCC's Web site, http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-03-105A1.doc.

ARRL'S "LOGBOOK OF THE WORLD" ENTERS OPEN BETA-TESTING PHASE

The long-anticipated "Logbook of the World" (LoTW)--the ARRL's secure electronic contact-confirmation system--is being opened for beta testing. While a formal unveiling was set for the Hamvention DX Forum May 17, LoTW now is available to all who wish to participate in the beta testing program, expected to last 60 days.

At the heart of the Logbook of the World concept is a huge repository of log data provided by operators--from individual DXers and contesters to major DXpeditions--and maintained by ARRL. Logbook of the World Project Leader Wayne Mills, N7NG, says the system will benefit big and little guns alike by providing quick QSO credit for awards offered by ARRL--and, it's hoped, those offered by other organizations as well--without having to first collect and submit hard-copy QSL cards.

Visit the ARRL Logbook of the World Web site <http://www.arrl.org/lotw> to learn more, download the necessary software and take part in the beta testing effort. For the purposes of the beta test, validated users are asked to submit log data for contacts made on or after January 1, 1998.

Once a certificate is issued, beta testers may e-mail

(Continued on page 1

(Continued from page 15)

their log data to the LoTW database lotw-test@arrl.org <mailto:lotw-est@arrl.org>.

LoTW will accept authenticated data--either in Cabrillo or ADIF format--directly from computerized logs via the Internet. Software Development Manager Jon Bloom, KE3Z, noted that because the software still is under development, any data uploaded during the beta-testing period will be erased before LoTW "goes live." Beta participants will have to obtain new certification even if they've participated in earlier LoTW testing. The beta certification will be good only for the beta-test period.

Bloom emphasized that every call sign would need a separate certificate.

Bloom and Mills encouraged beta-test DXers and contesters to upload their log files--the bigger the better--to test the robustness of the software as well as to populate the database and create a more realistic environment. LoTW will find and match contacts between stations based on the log data submitted by users, and the results will appear on the Logbook of the World Web page.

"We're not replacing the whole paper QSL scheme with Logbook of the World," said Mills, who is also ARRL's Membership Services manager. "This is really a system to offer credits for awards."

COLUMBIA PANEL ISSUES PRELIMINARY FINDINGS IN SHUTTLE TRAGEDY

The space shuttle Columbia Accident Investigation Board (CAIB) has released what it's calling "a working scenario" <http://www.caib.us/news/press_releases/pr030506.html> to explain the February 1 tragedy that claimed the lives of seven astronauts--three of them Amateur Radio licensees. Preliminary findings, based on three months of "intense investigation," suggest that just over a minute into the January 16 launch, a piece of foam insulation from the shuttle's external fuel tank struck and damaged the lower left wing reinforced carbon-carbon

(RCC) panels. The CAIB says its evidence indicates that a breach in the same area of the left wing allowed hot gases to flow into the wing during reentry into Earth's atmosphere, eventually leading to the spacecraft's destruction.

"The CAIB is continuing testing and analyses to refine the working scenario," NASA said. The independent investigation board--headed by retired US Navy Adm Harold Gehman--will issue its final report this summer. Gehman told reporters earlier this month that his panel has been careful not to say that the piece of insulation knocked a hole in the leading edge of the orbiter's wing "because we can't prove it."

In an effort to pin down that probability, investigators at Southwest Research Institute in San Antonio has been using a gas-fired cannon to shoot pieces of insulating foam at actual shuttle RCC and insulating tile components.

Lost in the February 1 disaster were Columbia Commander Rick Husband; Pilot Willie McCool; Mission Specialists Kalpana "KC" Chawla, KD5ESI; David Brown, KC5ZTC; Laurel Clark, KC5ZSU; and Michael Anderson; and Payload Specialist Ilan Ramon--an Israeli astronaut.

The Columbia started to break up over the southwestern US as it entered the earth's atmosphere on the return leg of its 16-day science mission.

Many Amateur Radio volunteers provided communication support during the early days of the shuttle debris recovery effort. NASA and Amateur Radio have a longstanding relationship through the Shuttle Amateur Radio EXperiment (SAREX) and Amateur Radio on the International Space Station (ARISS) programs.

More information is available via the NASA Human Spaceflight Web page <http://www.spaceflight.nasa.gov/>.

"Another Congressional attempt is under way to provide relief to amateurs prevented by private deed covenants, conditions and restrictions (CC&Rs) from installing outdoor antennas. "

NTIA ADMINISTRATOR LAUDS, CAUTIONS FCC IN "BROADBAND OVER POWER LINE" INQUIRY

The administrator of the National Telecommunications and Information Administration (NTIA) <http://www.ntia.doc.gov/>, Nancy J. Victory, has applauded the FCC's decision to launch its inquiry into Broadband over Power Line (BPL)--a form of power line communications (PLC). In an April 24 letter to FCC Chairman Michael Powell, the other four commissioners and to FCC Office of Engineering and Technology Chief Edmond J. Thomas, Victory said BPL "holds great promise" and urged the Commission to "move forward expeditiously with its inquiry." At the same time, she called on the FCC to make sure that BPL does not cause harmful interference to other services.

"I also urge the Commission to promptly adopt any subsequent rule changes that may be appropriate to facilitate broadband PLC deployment, while ensuring that those rules prevent harmful radio frequency (RF) interference to other communications mediums." Victory wrote.

BPL has raised the specter of substantial interference to the HF bands since it involves coupling high-frequency RF to parts of the power grid and using existing power lines as the transmission medium to deliver broadband and Internet services. The new

(Continued on page 17)

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so-called "access BPL" and "in-home BPL" devices operate on multiple carriers spread over a wide spectrum, which could be as much as from 2 MHz up to 80 MHz.

Victory offered NTIA's services in assisting the FCC with measuring and testing broadband PLC emissions. An arm of the US Department of Commerce, the NTIA regulates radio spectrum allocated to the federal government.

The FCC released a Notice of Inquiry on BPL deployment, ET Docket 03-104, on April 28. The complete NOI is available on the FCC Web site <http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-03-100A1.doc>.

Interested parties may submit electronically filed comments via the FCC's Electronic Comment Filing System (ECFS) <http://www.fcc.gov/cgb/ecfs/>.

Under ECFS Main Links, click on "Submit a Filing." In the "Proceeding" field, enter "03-104" and complete the required field. Comments may be typed into a form or you may attach a file containing your comments. Comments also may be submitted via e-mail, per instructions on the ECFS page. The comment deadline will be 45 days after publication of the NOI in the Federal Register.

ARRL Laboratory Manager Ed Hare, W1RFI, has urged League members to become informed and to comment in the proceeding. "The time to raise and answer interference questions is now," he said. The ARRL Lab has prepared a comprehensive information page, "Power Line Communications (PLC) and Amateur Radio," <http://www.arrl.org/tis/info/HTML/plc/>. ARRL Lab staff also will visit sites where BPL is undergoing field testing.

WASHINGTON HAM WINS INAUGURAL GOLDFARB MEMORIAL SCHOLARSHIP

Ben Schupack, NW7DX, of Sammamish, Washington, is the first-ever winner of the William R. Goldfarb Memorial Scholarship <http://www.arrl.org/news/stories/2003/01/27/102/index.html>. The award, administered through the ARRL Foundation, provides a full, four-year undergraduate scholarship to a meritorious young Amateur Radio operator. The new award is the result of a generous endowment from the late William Goldfarb, N2ITP.

"Amateur Radio has played an incredible role in my life and as a ham," Schupack wrote in his award application. "Amateur Radio has opened many doors for me. I have become interested in electronics, foreign languages, antennas, propagation and more."

In addition to the Goldfarb Scholarship, the Foundation awarded scholarships worth more than $31,000 to college-bound Amateur Radio operators <http://www.arrl.org/news/stories/2003/05/07/2/winners.html>.

A senior at Eastlake High School with a 3.96 grade point average, Schupack, 18, plans to attend Whitman College <http://www.whitman.edu/> in the fall to major in chemistry on his way to a dentistry career. The Goldfarb Memorial Scholarship covers all typical college expenses, including tuition, room and board and textbooks for the recipient's four-year undergraduate education. A distinguished prep trombone player, Schupack has been a member of the US National Honor Band and the All-Northwest Honor Band. He's also a member of the National Honor Society and EHS's varsity cross-country and track teams.

An Amateur Extra licensee and an ARRL member, his ham radio accomplishments are impressive. The 40-WPM Morse operator placed first in the world for the 2001 World Wide WPX Contest in the Rookie, Low-Power, Single Operator category; he was also first in that category in 1999 for Canada, operating as NW7DX/VE7. He's also a member of the ARRL A-1 Operator Club and enjoys kit building and homebrewing. Primarily a CW operator, Schupack said he also enjoys SSB and is exploring the newer digital modes.

Before his death in 1997, Goldfarb set up a scholarship endowment of close to $1 million in memory of his parents, Albert and Dorothy Goldfarb, who died when he was a teenager. More information on the Goldfarb Memorial Scholarship and on the ARRL Foundation is available on the Foundation's Web site <http://www.arrl.org/arrlf>

AMATEUR RADIO SPECTRUM PROTECTION ACT TO GET PUBLIC AIRING

The chairman of the House Subcommittee on Telecommunications and the Internet has agreed to hear testimony on the House version of the Amateur Radio Spectrum Protection Act of 2003, HR 713, at a public hearing later this spring. Rep Fred Upton (R-MI) this week assured the bill's sponsor, Rep Michael Bilirakis (R-FL), that the hearing--which will be convened to address public safety spectrum needs--will include an opportunity for a member of the Amateur Radio community to appear before the panel. Upton also told Bilirakis that he shares his interest in protecting Amateur Radio.

"That indeed is good news!" said ARRL President Jim Haynie, W5JBP. "A hearing is exactly what we'd like to have in order to state our case, and I think we can state a good case, too." The date of the hearing has not been set.

Upton's willingness to hear testimony on the bill is considered critical to providing it with the credibility it needs as it moves through the legislative process. It also marks a major step

RADIO CLUB OF TACOMA
PO BOX 11188
TACOMA, WA 98411-0188

[ ] NEW MEMBER (ONE APPLICATION PER MEMBER)

[ ] RENEWAL (ONE RENEWAL FORM PER FAMILY OK)

MEMBER CATEGORY: [ ] FULL [ ] SENIOR [ ] ASSOCIATE [ ] FAMILY [ ] LIFE [ ] STUDENT [ ] REINSTATEMENT

Name_____ Call_____ Class_____ Birthday_____

Address_____City/State_____

Zip+4_____Home Phone(_____)_____ Work Phone(_____)_____

e-mail address_____Publish phone number/e-mail in the Club Roster? Yes [ ] No [ ]

Former Call(s)_____

Are you a Volunteer Examiner ? Yes [ ] No [ ] If Yes, which VEC? ARRL [ ] W5YI [ ] Other [ ]

Occupation (or former occupation)_____

Are you a member of: ARRL [ ] ARES/RACES [ ] MARS [ ]

FAMILY MEMBERS NAME, CALL, AND LICENSE CLASS (RENEWALS ONLY)

_____

_____

_____

THE RADIO CLUB PARTICIPATES AND SUPPORTS THE FOLLOWING ACTIVITIES EACH YEAR. PLEASE MARK THE BOX IN FRONT OF THE ACTIVITY OR ACTIVITIES THAT YOU WILL HELP SUPPORT. WE NEED YOUR HELP AND SUPPORT. PLEASE CONSIDER AT LEAST ONE ACTIVITY THAT WE CAN COUNT ON YOU TO SUPPORT. PLEASE CHECK THE FIRST BOX IF YOU ARE EXPERIENCED OR ALREADY INVOLVED. CHECK SECOND BOX IF YOU WOULD LIKE TO LEARN MORE ABOUT THIS).

[ ] [ ] DIGITAL COMMUNICATIONs	[ ] [ ] VE TEAM	[ ] [ ] EMERGENCY COMMUNICATIONS
[ ] [ ] FIELD DAY	[ ] [ ] PUBLIC RELATIONS	[ ] [ ] CLUB NEWSLETTER
[ ] [ ] ANNUAL FLEA MARKET	[ ] [ ] TEACHING CLASSES	[ ] [ ] CONTESTS
[ ] [ ] BOOTH AT THE WWA FAIR	[ ] [ ] ANTIQUE RADIOS	[ ] [ ] VHF/UHF
[ ] [ ] WORKING WITH YOUTH GROUPS	[ ] [ ] DX	[ ] [ ] EXPERIMENTATION

Other hobbies, interests, skills:_____

Club badges are available for $9.00. If you would like a badge, please PRINT the following:

Badge Name_____ Badge Call Sign_____

Applicant's Signature_____ Date_____

ANNUAL MEMBERSHIP DUES: FULL OR ASSOCIATE MEMBER $30
FAMILY MEMBER (AT SAME ADDRESS, FIRST TWO) $15 EACH (ALL ABOVE 2 ARE FREE)
SENIOR MEMBER (65 AND OVER) $25 FULL-TIME STUDENT (UP TO AGE 25) $15
LIFE MEMBERSHIP = 20 TIMES ANNUAL DUES (PAYMENT PLAN AVAILABLE)

Seven dollars ($7.00) of your annual dues is for the Club's monthly newsletter (The Logger's Bark)

FOR RCT USE ONLY

Dues received $_____ Treasurer's initials_____ Date_____

Badge fee rcvd $_____ Treasurer's initials_____ Dat_____

Receipt Number_____ **Radio of Tacoma Membership Number**_____

THE LOGGER'S BARK

Radio Club of Tacoma, Inc.

P.O. Box 11188

Tacoma, WA 98411

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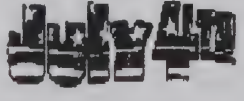
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JULY, 2003 EVENTS





JULY 2- Board Meeting, 7:30 p.m. Clubhouse - All members welcome

JULY 4– Happy Forth of July

JULY 8 - License Testing - 7 PM, Clubhouse

JULY 9- Club Meeting - Library Administration Center, 7:30 PM

Program: QSL CARDS

JULY 15 - ***BARK deadline*** - PLEASE *please* get articles, columns, etc. in by that time! Send articles to: **thebark@comcast.net**

JULY 23 - Club Meeting - Library Administration Center, 7:30 PM

Program: PACKET RADIO

Support OUR club - Attend meetings, volunteer, elmer.

- Check in to the 2-meter Net every Tuesday night at 7:30, on 147.28. Hear additional information on programs and other events.
- Check in on the 10 Meter Net every Sunday evening, 8 PM, on 28.375 MHz USB
- Check in to the Emergency Net every Thursday evening, 8 PM, on 147.500 simplex.
- See page 8 for meeting program schedule. Check the weekly net for updates to the program schedule.

W7DK July 2003 EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 *147.28 NET 7:30 PM* BOB SCHEGEL N7BH MARV JACOBSON KC7JKA JOHN ENGLISH KC7OQW	*2* *RTC BOARD MEETING 7:30 PM* BARBARA OSBORNE W7UYL	*3*	*4* *INDEPENDENCE DAY* *FLY YOUR FLAG*	*5* *OPEN HOUSE 9AM-2PM*
6 *10 METER NET 8 PM* *IARU HF WORLD CHAMPION-SHIP CONTEST* CHARLES SMITH KD7UAN PAM STEPHENS KD7KPU	*7* JOHN ROBSON AC7LK	*8* *147.28 NET* *LICENSE EXAMS 7 PM* DENNIS FARNES KA7IIV	*9* *RTC CLUB MEETING*	*10* RICK LEARY W7LKG GENE NEATERHOUR KD7NYN RON HENDERSON K7DY	*11* *MARIE FULLER KA7HEG*	*12* *IARU WORLD RADIO CHAMP-IONSHIP CONTEST* *OPEN HOUSE 9 AM-2PM*
13 *10 METER NET 8 PM* SUE COX KC7OQX	*14*	*15* *147.28 NET 7: 30 PM* MONICA MARTEK KD7GJM HARRY BALL W7HHP	*16* VERNON JAMES KD7COD	*17*	*18*	*19* *OPEN HOUSE 9AM-2PM*
20 *10 METER NET 8 PM* LORRAINE ROBERTSON KA7WGG	*21*	*22* *147.28 NET 7:30 PM* SYLVIA BETTS KC7UZZ	*23* *RTC CLUB MEETING 7:30 P.M.* MARGARET SYVERSON KA7RUQ TOM JONEZ K7TDJ	*24*	*25*	*26* *OPEN HOUSE/MINI FLEA MARKET 9 AM-2PM* *ISLANDS ON THE AIR CONTEST*
27 *10 METER NET 8 PM* *ISLANDS ON THE AIR CONTEST*	*28* BOB PATRICK KD7UAA LYNN NEECE KB6OKS	*29* *147.28 NET 7: 30 PM*	*30*	*31*		

HAPPY BIRTHDAY AMERICA & CLUB MEMBERS

club of tacoma radio W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

ARRL RADIO CLUB OF TACOMA W7DK

W7DK JULY, 2003



HAPPY 4TH OF JULY

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From the President, Mick KK7QS

Hello everyone. Here we are again, sitting down to catch up on some of our clubs activities and events. For those of you that were unable to attend our last meeting I would like to fill you in on a long overdue thanks. In the past this club has been viewed upon as a little thankless to its volunteers. It has never been our intent to have appeared that way to anyone. I feel this view is largely due to our ignorance towards our awards program. I have been working to revive this program as I feel no one should be expected to work for nothing. It is my experience that a little recognition and a simple **"THANK YOU"** will go a long way. So I would like to thank one of our club members who has spent many hours for many years helping our club with one of its most needed services. Our by-laws read in section 8 "The club shall sponsor an official monthly newsletter to inform the membership of scheduled activities as well as technical and regulatory news". On behalf of the Radio Club of Tacoma, I would like to thank Kathleen Nace N0EYK for the superb job she did editing the clubs newsletter "The Loggers Bark". (Kathleen was awarded a plaque with her picture and some kind words). Kathleen was present at the meeting on June 25th to receive her award in person.

Field Day. A huge success! Field day was great fun for all who attended this year. Although the propagation was very poor (for all the bands) and we did not make near as many contacts as we normally do for field day, we still had a great time. We had a very good turnout and everyone had a chance to either log, or hustle contacts. There was lots of food on Saturday night. Michael (KB7ZDR) and Rich (N7ANF) prepared a wonderful breakfast for those who were there on Sunday Morning. We had eggs, ham, and pancakes. Great job guys!

Spy apprehended while leaving YL station!

Because propagation was poor many tactics had to be employed to keep or take the lead. The YLs had the 20 meter voice station, and of course had the most active band. Therefore some of the other stations had to resort to a little bit of ingenuity. As you can see here. They sent a spy to acquire a little information. All Fr-Ed (KC7OKS) had to do was put on this dress, a wig, and add an A to the end of his already altered name and he became Freda. Although Freda made it in just fine the information he went in for was not to be had. Not to mention me standing outside with a camera as he thought he was making a clean escape. Oh well. Like I said. We all had a great time. Weather was great. Wish you were there. Until next time. "73" de KK7QS. Have fun! Volunteer.



RADIO CLUB OF TACOMA – 2003

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Announcements

Radio Club of Tacoma Hamfest 2003 needs volunteers to h out in many areas. Meetings are being scheduled now to pla for the Hamfest which is in August. Contact Frank, AC7JY the Hamfest chair. *AC7JY@msn.com*

MORSE CODE CLASS A class for those studying CW, wh are not progressing satisfactorily, will begin Thursday, July 10th, at 7:00 PM. This is not a beginning class. It's for those who have been practicing and already know all or most of th letters, but are having difficulty in achieving the 5 WPM co speed required for a General Class license. Contact Jerry, W7BUN, for details or to register. 253-845-7652

GET ON THE AIR (and stay there) ! The last Saturday each month is designated as a special club activities day wit a mini swap meet and lunch provided by the club. One of th primary purposes is to allow new members to get to know other members, the club equipment, and find Elmers. Bring your questions, problems, equipment, manuals, antennas, a even installations. Many knowledgeable and talented peopl want to help you.

Volunteers Needed: Faculty to do the Boy Scout Radio Merit Badge program. See page 9 for details.

CLUB MEETINGS: 7:30 PM 2nd & 4th Wednesdays of each month at the Pierce County Library Administration Building, 3005 - 112th Street East, Tacoma, WA

W7DK/Radio Club of Tacoma

147.28 / .88 MHz (PL© 103.5)

147.38 / .98 MHz (PL© 103.5)

144.97 - Packet

440.625 / 445.625 (PL© 103.5)

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 253-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee.

E-mail all articles to: thebark@comcast.net or mail to Dawn Pier KC7VZM, 308 118th Ave. Ct. E., Edgewood, WA 98372. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. *The Logger's Bark* does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in *The Logger's Bark* if credit lines are included in the report.

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The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

Radio Club of Tacoma Meeting Minutes

Radio Club of Tacoma

Treasurers report for April 2003

Income:

Badge	$9.00
Books	59.00
Door prize (raffle) 1st qtr	351.75
Equipment sales	144.00
Field day donations	42.20
Membership (dues)	829.00
Total:	**$1434.95**

Expenses:

Books	$129.66
Comcast (ATT/BB)	50.21
Copier paper	25.75
Copier toner	163.20
Mailings	53.46
Station (FT-847)	1199.99
Repeater maintenance	201.55
Telephones	101.49
Total:	**$1925.31**
Net (Loss):	**$490.36**

Radio Club of Tacoma

Treasurers report for May 2003

Income:

Books	$248.00
Field day donations	25.38
Membership (dues)	165.00
Classes	373.00
Total:	**$811.38**

Expenses:

Alarm batt.	$23.50
Books	$163.74
Carpet	600.00
Cheer cards	38.96
Comcast (ATT/BB)	50.21
Food (Classes/Clubhouse)	32.00
Mailings	45.46
Plaque (Kathleen Nace)	92.23
Secretary of state	10.00
Utilities	316.12
Total:	**$1372.22**
Net (Loss):	**$560.84**

Radio Club of Tacoma
Board Meeting June 4.2003

Opened at 1930hrs by President Mick Pier, KK7QS.

Minutes: Approved as corrected. The correction was for the call sign of Doris Emigh a Silent Key. It was incorrectly published. The correct call sign is W7BHI. My apologies to all for the mistake.

Correspondence: Address corrections, bank statements, broadband bill, ads, catalog, and a letter from National Construction Rentals.

Treasurer: Income $811.38 Expenses $1372.22

Committee Reports: Frank, AC7JY, on the Hamfest. Flyers are going out and some reservations are coming in. John, AC7LK, Long Range Planning, they are trying to put together teams to make presentations to interested outside organizations. He also reported that the IRLP Committee was growing. Bob, W7EG, reported that the packet station was close to being up and running. They hope to have it back up and running by Saturday. Nick, WA7IVO, reported that he is rebuilding the 2 meter and 70 centimeter repeaters. He will also check out some reported problems with the club VHF radio. Bud, K7BUD, reported that W7DK at the Beach was going well. He expects his "Hot Potato Salad" to beat out John's "Duck Egg Antidote Potato Salad".

New Business: A question on what happened to the amateur TV station? The answer is that it is waiting for the repeater upgrades and moves to be finished.

Good of the Order: Steve, KD7UBE, is volunteering to do a code class at the clubhouse in August. The club will check to see if we have any code oscillators that can be used. If you have one that could be used, or are interested in the class call him at 253-847-9884. He plans to teach straight 5 WPM, not Farnsworth.

Present: Mick, KK7QS; Rich, N7ANF; Chuck, AC7QN; John, AC7LK; Frank, AC7JY; Jill, K7JIL; Bill, AB7WJ; FR-Ed, KC7OKS. Visitors: Steve, KD7UBE; Bob, W7EG; Adam, KD7TQX; Randy, KD7TRA; Dave, KD7UBI; Ray, KD7MUG; Dick, K7ITX; Dick, W6PWR; Bud, K7BUD; Gary, WG7X; Nick, WA7IVO; Bob, N7ANR; and June, no call.

Adjourned at 2040 hrs

Radio Club of Tacoma General Membership Meeting June 11, 2003

Meeting opened at 1930 hours with the Flag Salute led by Mick, KK7QS

Introductions were made around the room.

Illness or Silent Key: Wade, WA7OHG, took a fall and hurt his leg. Eve, WB7QNS, is at the University Care Center and is under the weather. She would appreciate a call or visit. Contact Jerry, W7BUN for more information.

Correspondence: World Radio, and address corrections.

Treasurers Report: In the Bark.

Announcements: Bark deadline soon, June 15th. About 84 showed up at the highly successful W7DK at the Beach. Mick announced the Antenna Wars winners.

Committee Reports: Frank, AC7JY, lots of help still needed for the Hamfest. People to do demos and to do lectures on radio topics are also needed. Bob, W7EG, packet station ran into some minor problems, but will be fully up soon. Jerry, W7BUN, Field Day coming up. We will have a planning at the meeting prior to it, a practice antenna set up Saturday June 21st, and will assemble at the Clubhouse at noon on Friday June 27th to get started moving equipment to the site.

(Minutes Continued on page 5)

(meeting minutes continued from page 4)
Program: Home brewing and Bunny hunting presented by Dick, K7ITX.

New Business: Steve, KD7UBE, will be trying to do a code class at the Clubhouse on a Saturday in August, noon to 4P.M. (See Board Minutes for more details) Rich, N7ANF, spoke about W7DK at the Beach and the ketchup he inherited He also spoke of the Saturday get togethers at the Clubhouse.

Tuning and Traffic: Rob, WB7QCS, reported that Jean, KB7SVX has made some contacts with him on different bands from his travels back East. He was using one of the home brewed screwdriver antennas. Dave, KD7UBI mentioned the upcoming VHf/UHF QSO party.

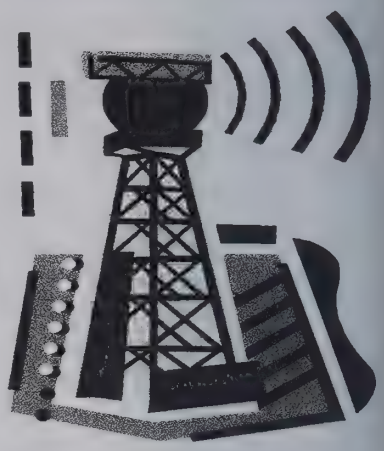
Hints and Kinks: . It was brought up that we need to explain some of the terms we use for our newer Hams, (and some of us not newer).

Good of the Order: Ray, KD7MVG, needs directions to the Field Day site. Maybe a map. John, AC7WW reported that the new membership rosters had been mailed. It was also brought up that another program on QSL cards and bureaus might be a good thing to have.

Drawing: 5 rolls of colored electrical tape were won by Ed, KA7LGV. He waited to come get it until he had won the 2 meter mobile radio also, (Shades of AC7LK)

Number signed in as present was 61

Adjourned at 2100 EXACTLY.



RADIO CLUB OF TACOMA 2003 SCHOLARSHIP

A $500 scholarship is available to Western Washington students.

Applicants must have a demonstrated financial need.

Applicants must be studying a scientific or technical course.

Applicants must be enrolled in post-secondary education in a college or vocational school.

Application forms must be postmarked by August 15, 2003.

For an application form, write or e-mail:



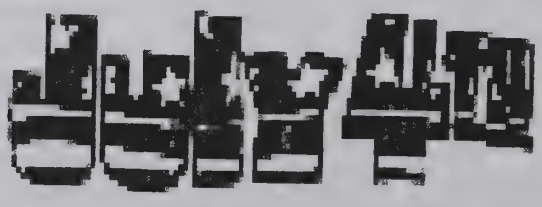
RCT Scholarship Committee

c/o Jerry Seligman

12306 80th Ave. East

South Hill, WA 98373

w7bun@wa.net





ARES/RACES BY SHIRLEY MURPHY, N7QHW

ARRL RCT VE Team Report by Shirley Murphy, N7QHW

Shirley is on vacation. Check back next month for her reports.

COAST STATIONS NMC, KPH AND KFS WILL RETURN TOTHE AIR USING MORSE CODE

For the first time since 12 July 1999 listeners around the world will have the opportunity to hear three historic US coast stations on the air using Morse code.
On July 1st, Coast Guard Communications Area Master Station Pacific(CAMSPAC), Pt Reyes will retire the historic "Sparks" from the Telecommunications Specialist Enlisted Rating Badge, as the Coast Guard restructures its work force replacing that specialty with two others, the Operations Specialist and the Information Technology Specialist. As a special part of the ceremony surrounding this change NMC will return to the air using Morse code (CW) and possibly radioteletype (RTTY). These services, once the mainstays of Coast Guard communications, have been retired for several years but will be reinstated for this ceremony.At present the frequencies known to be authorized for NMC are 8574kc and 500kc with the possible addition of 488kc. Additional HF frequencies may be authorized by the time of the event. Those wishing the latest information about NMC frequencies and times of operation should write directly to TCCM Loren R. O'Banion at LObanion@d11.uscg.mil . The public is invited to visit NMC to participate in this event. The unit's Receiver Site, located at 17000 Sir Francis Drake Blvd on the Pt Reyes National Seashore will be open to the public between the hours of 9am and 3pm. Persons wishing to attend must RSVP to (415)669-2004.

KPH will activate its HF and MF transmitters to participate in this historic event and to give listeners the opportunity to hear three US coast stations on the air - possibly for the last time. KFS will also return to the air on a single frequency. KPH will transmit on 6477.5, 8642.0, 12808.5 and17016.5 on HF and on

500 and 426kc on MF. KFS will transmit on 17026.0kc. These frequencies have been made available through the generous cooperation of Globe Wireless, the current owner of the KPH and KFS licenses. KPH and KFS operators will listen for calls from ships on 6276.0, 8368.0, 12552.0 and16736.0 on HF and 500kc on MF. Reception reports for NMC may be sent to:
USCG CAMSPAC Pt. Reyes
ATTN: LCCT O'Banian
1700 Sir Francis Drake Blvd. , POB 560
Point Reyes Station, CA 94956-0560
USA
Reception reports for KPH and KFS may be sent to:
Ms. DA Stoops
P.O. Box 381
Bolinas CA 94924-0381
USA

Good Listening and VY 73,

Pierce County Phone Numbers:

Pierce County Emergency Coordinator: Mark Yordy, W7BBO 253-857-5123;w7bbo@juno.com.

Assistant Emergency Coordinator/Zone 1 Manager: Rollo Van Slyke, N7JQ 360-876-2803; rollo@worldfront.com

Assistant Emergency Coordinators/ Anderson Island Managers: John Mollan, AE7P and Donna Mollan, WB7FDE. John and Donna can be reached at 253-884-1679; ae7p@arrl.net.

Net Manager for Pierce County Amateur Radio Communications Services nets: Rich Heasty, KK7VH 360-897-6576; rheasty@wolfenet.net

Membership Applications and Roster Maintenance: Shirley Murphy, N7QHW 253-265-3661; sundancealso@harbornet.com

Special Events Manager: Judy LaFleur, N7NII 253-847-5198

Medical Services Manager: Pat Nicholson N7WGR 253-864-6589; patn0011@earthlink.net

Emergency Communications Emergency Response Team lead: Mario Badua, KD6ILO 253-952-5880; kd6ilo@arrl.net

UPGRADE YOUR LICENSE!

RCT VE TESTING

EVERY SECOND TUESDAY OF THE

AT THE CLUBHOUSE AT 7 P.M.

Anyone wanting to take any element of the amateur radio tests is welcome - no reservations needed.

RADIO CLUB OF TACOMA 147.28 MHZ

TUESDAY EVENING NET

MAY, 2003

Net Checkins –by Call Sign, number of checkins, and First Name

NET CONTROL STATIONS:

MAY 6 K7BUD **MAY 23 WG7X**

MAY 13 KA7IOX **MAY 27 K7BUD**

W6PWR 3	DICK	AC7KQ 2	RAY	KD7SXU	GARRY
N7ANF 1	RICH	AC7LK 4	JOHN	KD7SXY 1	JIM
WB7AUJ 3	DAVID	KD7MVG 4	RAY	KD7SXZ 3	RODDNEY
KJ7BN 2	MARILYN	KD7NES 3	GWEN	KD7SYF 1	CHRIS
AC7BU 2	AL	WA7NOQ1	JOHN	KD7TJE 2	JIM
K7BUD 4	BUD	KD7NUV 4	MICKEY	KD7TND 1	GORDON
W7BUN 3	JERRY	KD7OAX 1	CHARLIE	KD7TQW 4	LARRY
KD7BVO 2	LYNNETTE	WA7OHG4	WADE	KD7TQX 3	ADAM
KK7DHB 1	JACK	KC7OKS 3	ED	N7TQZ 1	DENNIS
N7DJC 1	DAVID	KB7QAG 4	JEFF	KD7TRA 3	RANDY
W7DON 2	DON	KD7QBF 2	MIKE	KD7TRB 3	ROB
W7EC 2	HAL	WB7QCK2	BOB	KD7UAA 3	BOB
W7EG 1	BOB	N7QHW 2	SHIRLEY	KD7UBI 4	DAVID
KC7EQ 2	ANGELA	N7QHX 2	TOM	AC7UJ 1	PAUL
KK7FM 1	GEORGE	N7QOZ 4	BOB	KD7UKG 1	NYATH
KA7HJN 1	CHUCK	KK7QS 2	MICK	KD7UYN 2	DEBBIE
K7HW 1	AL	KK7QW 1	PETE	KD7VBW 1	RENEE
KB7IHB 1	BILL	KD7QYS 3	TROY	KD7VJR 1	JUDSON
W7IMW 3	JACK	KD7QYU 3	JUD	KC7VUM 1	LOU
KA7IOX 4	SCOTT	K7ROL 4	CAROL	KD7VYL 1	LUPE
K7ITX 4	DICK	W7RQ 3	JOE	W7WG 3	WORTH
WA7IVO 1	NICK	W7RW 2	ANDY	AB7WJ 3	BILL
K7JIL 1	JILL	KD7RWT 1	GINO	AC7WW 3	JOHN
KC7JPJ 3	BRUCE	W7SKI 4	BOB	WG7X 4	GARY
AC7JY 1	FRANK	KG7SM 1	BOB	KB7ZDR 2	MICHAEL
W7KFN 1	RAY	KD7SQR 2	DOUG	W9BYH 2	BILL
KB7KSY 3	EDITH	KB7SVX 1	JEAN		

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Mini-Swap Meet at the Clubhouse

Saturday, Last Sat of May Mini Swap Meet at the Clubhouse ... 10 a.m. to 2 p.m.....There will be food (hot dogs, etc.) ...Bring in your items you want to swap or sell or stop by to see what others bring.



July 9th

UPCOMING PROGRAMS AT RCT

July 23rd

WEDNESDAY, JULY 9TH – THE "INS AND OUTS" OF QSLING

Learn all the details about sending and receiving QSL cards, including the correct details of sending direct, using the incoming and outgoing DX QSL bureaus, stateside bureaus, International Reply Coupons (IRCs), green stamps, QSL managers, SASEs, and postal rates. Also, find out where to get QSL cards printed, and what details should be on your QSL card.

WEDNESDAY, JULY 23RD – WHAT IS PACKET RADIO?

RCT's packet radio committee will report on the state of the club's packet node. Gary Kohtala, W7NTF, and Bob Honan, W7EG, will explain what packet radio provides for the user, various features available, how to get started, and what equipment is required to use this mode.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please contact Jill Palmer, K7JIL, 253-539-7772 or e-mail hamtalker2@msn.com

Letters to the Editor

Dawn KC7VZM is filling in as BARK EDITOR, please submit letters to:

thebark@comcast.net.

Please submit BARK article by the 15th of each month.

CHALLENGE OF THE MONTH

CHALLENGE OF THE MONTH FOR JUNE:

A new tower requires a base of no less than 2.5 cubic yards of concrete. The area available for you to dig the hole is 3 X 4 feet. How deep does the hole have to be to hold the required volume of concrete?

ANSWER:

2.5 cubic yards = 2.5 X 27 cubic ft/yard = 67.5 cubic feet. The area of the top side of the hole = 3 X 4= 12 square deep. The depth of the hole = volume/top area = 67.5/12 = 5.6 feet. Start shoveling!

CHALLENGE OF THE MONTH FOR JULY:

The heaviest circuit available in your ham shack is rated at 20 Amps, 115 VAC. Your new linear amplifier consumes a maximum of 3 kW. Will the circuit handle the load?

Community Connections

by Todd KD7NPT

Look at this column as a little update. There's a lot to talk about. So let's get to it.

Field Day: By the time you all get this, the books on Field Day will be closed, but I have heard it said that it is the fun most you'll have as a ham.

Indeed.

But you should also give yourselves a pat on the back. It is our chance every year to prove to our community (and ourselves) that amateur radio is an essential service that is part of the infrastructure. It is when there is a community-wide disaster that we are needed and Field Day is that "exercise" every year. It is an essential service on a list topped with such dignified company as police, fire and medical aid.

An effort is afoot to get the Radio Club of Tacoma in front of potential donor and granting groups. A 30-minute presentation is currently in the early stages of production and once it is done, a rotating group of people will be taking it to groups such as Kiwanis and Rotary.

The group that has brought a willingness and interest in seeing this effort succeed consists of Jerry Seligman (W7BUN), John Robson (AC7LK and new owner of a really sweet '77 Corvette), myself (KD7NPT and wished I had a Vette), Rich Patrick (AE7RW), George Noble (KK7FM) and Mike Compton (KB7ZDR). We plan to have something ready to preview by fall, so stay tuned.

Thanks to Nick Winter (WA7IVO) for reminding of one of the basic tenets of public relations. It's not always what you know, it is sometimes WHO you know. Nick's day job is a broadcast engineer for KPLU 88.5 FM and he mentioned amateur radio and Field Day to News Director Erin Hennessey and, at press tim I have been in communication with her about doing a story. No sure what their timing may be ye and I am not sure about Field Da but look for KPLU to do something on amateur radio and the R dio Club of Tacoma sometime in the near future.

K7BUD also said he would talk t someone he knows at KIRO-TV, so if anyone has any personal cor tacts, in addition to the media releases I have sent on Field Day, don't hesitate to call...But be sur and let me know so I can track it for Jerry to turn into the ARRL.

"73"

Until next time!

Todd Kelley (KD7NPT)

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UPDATES/CORREDTIONS TO CLUB ROSTER

PHONE NUMBER CORRECTIONS:

Herman "Pete" Jones N8PSJ
253-843-1933.

NEW ADDRESS AND PHONE NUMBERS:

Bill Schockley, W5GYW
1218 Contra Costa Ave.
Fircrest, WA 98466-6711
253-267-0122

Bill Morgan, W7GPR
9514 E. 169th St.
Puyallup, WA 98375
253-848-0704

Mick Pier, KK7QS
Dawn Pier, KC7VZM
308 118th Ave Ct E
Edgewood, WA 98372
253-891-6950

NEW ADDRESSES:

Patrick Sullivan, KD7OYY
5510 S. Wallbridge Rd.
Deer Park, WA 99006-9475

Marv Wheeler, KG7V
Jean Wheeler, W7OII
PO Box 65470
University Place, WA 98464-1470

Melody Stepp, KD7RKW
818 128th St. E.
Tacoma, WA 98445-2924

Donald Hanks, KF4OAZ
1214 S. Sheridan Ave.
Tacoma, WA 98405-3556

Judy Kirkreit, AJ7R
2807 Wilton Lane East
Fife, WA 98424-2354

Helen Asplund W7WRI
9728 S. Steele St. Charlton Place
Room 208
Tacoma, WA 98444

Gary Martek W7DO
Lynette Martek KC7BVO
Bernard Martek KD7GOE
Monica Martek KD7GJM
240 Hiram Allen Rd
Blythewood, SC 29016

NEW MEMBER:

Herb Young, KB7SRN
2500 Alder St. Unit 27
Milton, WA 98354
253-927-9627

Pacific NW Hamfests

Information gathered from the website of N7CFO

July 19, 2003. Hamfest - Swapmeet. Bandon, OR. Sponsored by the Coos County Radio Club. Flea market, VE sessions, Vendors & Door prizes. Contact Paul, K7AIA at (541)888-2050 or k7aia@arrl.net <mailto:k7aia@arrl.net.> .

July 18, 19, & 20. Pacific Northwest DX Convention. Hilton Hotel, Burnaby, BC. <http://www.bcdxc.org/2003convention.htm>

August 3, 2003. Jefferson Amateur Radio Society 20th Annual Swap and Potluck. Lake Selmac, OR. 9:00 am to 3:00 pm. Potluck @ 1:00 pm. They will raffle 2m radios and a fifth one will be given as a door prize. The lake is 1/2 mile south of Selma, OR, on Hwy 199. Turn left at the road at the base of the hill. Follow it to the lake and stay on the same road until you start past the lake, then turn right and go about 150 ft. There will be signs directing you to the area, and members will be monitoring the ORCA Linked system. For more information, email wb6yqp@rascals.org <mailto:wb6yqp@rascals.org> or call 541-479-4772. <http://www.jars-orca.org/>

August 16, September 2003. Electronics Fleamarket, Radio Club of Tacoma. (Note new date and location!) Bethel Junior High School in Spanaway, WA. For information, contact Frank Palmer, AC7JY AC7JY@MSN.COM <mailto:AC7JY@MSN.COM> or call at (253)539-1685. <http://www.w7dk.org/> Flyer in PDF. <rct03.pdf>

August 17, 2003. Antique Radio Swap Meet. Sponsored by the Puget Sound Antique Radio Association. 9 AM to 1 PM. Shoreline museum parking lot. N. 175th & Linden, Avenue, North Seattle. One block west of Aurora Ave. or one mile west of I-5, exit 176. This is the best antique swap meet of the year. Set up seems to start before dawn, so get there early. <http://www.eskimo.com/~hhagen/psara.html> Flyer in PDF. <psara03.pdf>
This information was taken from the website of N7CFO

WANDERING THROUGH THE IRLP with Dick K7ITX

I haven't been able to monitor the IRLP very much this month, but I did hear a Seattle ham, K7EQ-Joe, bring up the Las Vegas reflector. He made contact with NB6GC-Tom, aboard the aircraft carrier USS Hornet, based at the Alameda Navel Air Station in San Francisco. Mickey-KD7NUV and Bud-K7BUD joined in for a nice QSO.

K7EQ also joined us for "DK" at the beach. About 80 people showed up.

73 for now,

Dick K7ITX



W7DK calls for contesters!

Contesting with W7DK at the Clubhouse:
Club goal is 100 DX qsl cards to decorate the clubhouse wall!
Organize a contesting party at the Clubhouse - contact John AC7LK for info.

June 8, 2003 W7DK at the Beach Antenna Wars Test Results

Place	Antenna Description	Call Sign	Handle	Test set Reading	micro volts	dBm	dBd Gain
1	5 element commercial quad	W7DK	RCT	7.6	129	-64.8	**12.2**
2	6 element Bamboo Yagi	KD7QBF	Mike	7.1	107	-66.5	**10.5**
3	4 element wooden quad	AE7RW	Rich	6.8	92	-67.8	**9.2**
4	4 element PVC quad	KD7TRA	Randy	6.6	84	-68.5	**8.5**
5	Dual Band Aluminum J-Pole	K7ITX	Dick	6.5	82	-68.7	**8.3**
6	5 element (TV ant parts) Yagi	KC7OKS	(Fr)Ed	6.5	82	68.7	**8.3**
7	Dual Band Copper J-Pole	AC7LK	John	6	64.5	-71.0	**6.0**
8	1/2 WL vertical	K7ITX	Dick	4.5	32	-77.0	**0.0**
9	5 element vertical yagi	KD7TRA	Randy	4.5	32	-77.0	**0.0**
10	5/8 WL collinear vertical	KD7MVG	Ray	2	8.3	-89.0	**-12.0**

The results were determined by receiving a signal from the Mt Pilchuck repeater on 146.920 MHz... 62 miles away. The repeater signal was received by each antenna and cabled to an IFR-500A commercial radio service analyzer (Tes set Reading). This reading was compared with a more elaborate analyzer to determine the signal strength in micro volts. Micro volts were converted to dBm via a chart. Dick's (K7ITX) ground plane antenna was set to be the "standard tocompare to"- 0.0 dBd.



Rich, AE7RW aims for the Mt Pilchuck Repeater with his woodshop made 4 element quad antenna. This antenna had a 9.2 dB gain over the ground plane-the standard of comparison.



Ray, KD7MVG (left) and Randy, KD7TRA, ready their antennas to be tested.Rays 5/8 wave length collinear had a -12 dB gain and Randy's 5 element Yagi.



Randy, KD7TRA, points his 4 element PVC pipe Yagi towards the MtPilchuck repeater. His antenna produced a 8.5 dB gain over the ground.

See page 18 for additional photos.

WHAT DO YOU DO WITH A RUBBER DUCKY?

By Rich N7ANF



Well the antenna wars picnic is over, and we had a lot of fun, and a lot of good food. Some really fine antennas and some good scores using a unique method of gain testing. My hat is off to the antenna testers. Way to go guys. We needed something a little better than a rubber ducky to work our repeater and get out of the park. Something with at least unity gain like a ground plane or a vertical dipole or an end fed half wave like a J-Pole or better yet, like a small beam aimed at or reflected off of Browns point. I never did think that the RF hole down at Owen beach had much going for it where propagation was concerned. But the food and fellowship was top notch.

Be looking for the Saturday hand-outs, we will have all the cool circuits Dick Ohls had at the last R.C.T meeting June 11th. And some more J-Pole design hand outs. I think we're going to have a fun time with our up and comming bunny hunts. (or Fox hunts) He had the cutest little loop antenna in his demo.

If you want a real kick try collecting old TV antennas and look for Yaga articles. You can make some pretty nice beams with all the aluminum parts. We had some outstanding gain antennas at the picnic using just this technique.

When you read this, field day will be over and put away for another year. Now there is an antenna builders dream. A year to plan and all that space and tall trees, enough for everybody. Well we can dream can't we.

See you August.....Rich...N7ANF

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THE GREAT POTATOE SALAD WAR

Well another highly successful W7DK at the Beach has come and gone. There were many great activities such as the antenna wars, a QRP DX station with a quad in the trees, and of course all the good food. A side note to Rodney, KD7SVX, the chili was good but Carol, K7ROL was right. It needed some Corona and lime to go with it.

Of interest to many was the great potato salad war between Bud, K7BUD, with his renowned "Hot Salad", as in spicy, and John, AC7LK, with his secret ingredient salad that was known as the "Antidote". Both must have been pretty good as there were no leftovers of either.

Although competition in the sense of fun is good, as one of the suppliers of a secret ingredients to John I was grossly disappointed to hear from Rich, N7ANF, at the Clubhouse on Saturday prior to the Beach that he had **ACCIDENTALLY** managed to drop the basket of duck eggs and break all but one of them. I wouldn't go as far as saying anyone was paid off for that accident, but it is well known that Bud and Rich have been friends for years, and the coffee fund seems to be fully funded.

Well it did the evil duo no good. I promptly went home and explained the situation to the ducks and they got busy and produced another dozen eggs for the salad. It really had nothing to do with the beam antenna I pointed at them.

Thanks to John for coming through in the clutch and getting the salad done, and sorry Bud that your plan to sabotage us didn't work. We look forward to next year, and will be more vigilant in protecting our ingredients. 73 to all, FR-Ed, KC7OKS

ELMER BOARD

Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members' areas of interest.

1.Technical questions, Classes

2. Help with Code

3. License Examinations

4. Antenna and Station planning

5. Antenna and Tower erection

6. Buying new or used equipment

7. Equipment repair

8. Understanding and operating your equipment

9. DX and Contests

10. Club and ARRL activities

11. Using test equipment

12. IRLP

Name/Call Sign /Phone Number/Help with topic

Jerry, W7BUN 253-845-7652: 1,4,6,9,10

Alan, KB7SVU 253-840-4947: 4,5,10

Frank, AB7YZ 253-752-8520 : 2,3

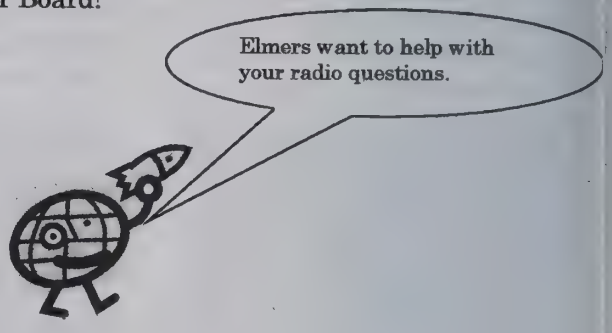
Roger, WA7ANJ 253-475– 4293: 1,2,3,4,7,8,11

Angela, KC7EQ : 2

John, AC7LK 253-984-6709: 3, 4, 8,10,12

Mick, KK7QS 253-847-8223 : 12

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the Elmer Board!



You can never have too much wire.

By KD7UBI

Hello and good day to you all. I am here to tell you that some things that should not work, works. Now I am experimenting with WIRE antennas. I have a DIPOLE monstrosity of an antenna. I have 120' dipole (1/2 wave dipole around 3.970) and a 66' dipole fed thru the same coax (1/2 wave 40m antenna) and a 40' long wire on the center-lead that is 90 degrees along the insulator to the tower. Now I been told by club members that it shouldn't work. I am told that it isn't resonant on any band which is true. However it works great. I got many reports from my normal contacts that my signal is a lot better 4-6db gain locally. Local-DX station (sounds like an oxymoron but Local-DX is within the USA) I talk to said I came up from a 5 to a 9 db in Union, Or. So, you can never have enough wire! Total Length on the center lead is 133' and shield is 93' and it works. I would hear some people on 3995khz say, "THAT SHOULDN'T WORK!" Some thing's just work. Part of our hobby is experimenting with things. This is something that I did out of sheer boredom. The added feature of that 40' wire gives me superb ears and less noise.You ask how I work and get my antenna work on the bands? A MFJ-949D, a very nice antenna tuner. It is amazing what more wire can do. If you feel the need to experiment, do so. Odd how a 5 wire antenna can work good. Try it.

If you have questions e-mail me @ kd7ubi@arrl.net and good luck

QSL Card of the Month

5V7GE – Togo

Togo (short for the Togolese Republic) is located in Western Africa, between Ghana and Benin. Its climate is tropical, hot and humid in the south and semiarid in the north. The population is 5.2 million consisting of 37 African tribes, with 6% of the population infected by HIV/AIDS. Togo was granted independence from a French-administered UN trusteeship in 1960, and the primary language remains French. President General Eyadema has been its military ruler since 1967, and is responsible for political unrest and human rights abuses. The main exports are cotton, phosphates, coffee, and cocoa.



HAMFEST 2003

NEXT HAMFEST MEETING!
FRIDAY JULY 11, 7:30

Here is a list of Hamfest jobs where we still need more help:

FRIDAY SET UP
We need a crew to carry plywood, chairs and sawhorses into the building.
Volunteers: Jack W7IMW & Rick W7LKG
Still needed: 5 more at least.

LOADING/UNLOADING
Friday afternoon and early Sat. morning will be a very busy time at the loading area. There will be pallets to move and carts to load. It's our job to bring the vendor's goods to their tables.
Volunteers: Ray KD7MVG will steer you right on this one! Still needed: 6 more people willing to work!

TALK IN
We'll have a station set up on site, monitoring 147.38 and 147.00
Volunteers: Jean KB7SVX & Nick WA7IVO
Still needed: Relief help. At least 2 people.

SIGNS
We need to create and place signs.
Volunteers: "Fr" ED KC7OK I'm sure he would like some help.

PARKING
Help keep traffic flowing through our system smoothly and set up appropriate Handicap Parking areas. Volunteers: still needed

DEMOS
You can.....put something on a table; hang something on the wall; show us your invention; tell us how it works; set up a psk-31 station.....etc. Volunteers: George KK7FM is coordinating this activity. We have a few demo volunteers, but there's room for lots more. DEMO TABLES ARE FREE

COUNTRY STORE
This is where we will sell some of our excess "goods" from the club and also we will take consignments here. Volunteers: Chuck AC7QN is organizing this and Jack W7IMW is his right hand man. There is room for more help too.

LECTURES

Part of why our event is called "Hamfest" is because we will have one or more speakers to lecture on interesting ham related subjects. If this is YOU, sign up! Volunteers: Dave WA7RSO has a few ideas. What are yours?

Please contact Frank Palmer @ AC7JY@msn.com, 253-539-7772 or RCT meetings!

Thank you for your help and enthusiasm. QRZ
Frank AC7JY

News from the ARRL

by Jerry W7BUN

PRESIDENT HAYNIE TESTIFIES BEFORE CONGRESSIONAL SUB-COMMITTEE

ARRL President Jim Haynie, W5JBP, testified June 11 on Capitol Hill on-behalf of the Spectrum Protection Act of 2003, HR 713. The ARRL initiative-would require the FCC to provide "equivalent replacement spectrum" toAmateur Radio if the FCC reallocates primary amateur frequencies, reduces any secondary amateur allocations, or makes additional allocations within such bands that would substantially reduce their utility to amateurs.

Haynie was the last of 11 scheduled witnesses to speak during the Subcommittee on Telecommunications and the Internet hearing, "The Spectrum-Needs of Our Nation's First Responders."

"We are indeed a first responder," Haynie said on behalf of the nation'ssome 680,000 Amateur Radio operators. Ham radio is more than "just havingfun playing on the radio," he told the panel, a subcommittee of the HouseEnergy and Commerce Committee chaired by Rep Billy Tauzin (R-LA). "It also produces capable, trained volunteer communicators in systems of emergency telecommunications that are impervious to disasters of all sorts," Haynie said. "These volunteers are ready to respond--and do respond immediately--when all other systems of communications fail, including public safety communications whey they're overloaded, destroyed or lack interoperability."

Among other examples, Haynie pointed out how Amateur Radio operators answered the call on September 11, 2001, in New York City, at the Pentagon and at the Western Pennsylvania crash site of the fourth hijacked airliner. Hams also assisted federal authorities in the debris search following the February 1 shuttle Columbia disaster, Haynie pointed out, ,and aided in the response to tornadoes in the Midwest and South earlier this year.

Haynie told the subcommittee that hams have lost more than 100 MHz of VHF and UHF spectrum over the past 15 years and that another nearly 360 MHz of VHF and UHF spectrum "has been substantially compromised." Haynie said hams have shared spectrum successfully with government users on VHF and UHF and have been able to "make do with less," but "that concept has reached a breaking point with our service," he added. The 2.4 GHz area, once left largely to amateurs, in recent years has become "polluted" with wireless activity, Haynie told the panel.

"Interoperability" was the watchword of the day at the subcommittee hearing, which got under way at 11 AM EDT and continued well into the afternoon. Several witnesses testified that a lack of interoperability among public safety responders at disaster scenes--including the World Trade Center--prevented warning those in danger and resulted in a tragic loss of life.

Haynie was not alone in offering supportive words about Amateur Radio. HR 713 sponsor Michael Bilirakis (R-FL), quoted a paragraph from the submitted testimony of Norman Jacknis of the Westchester County, New York, Department of Information Technology. "In the first hours following the attack of September 11, 2001, the only way we could coordinate the sharing of firefighting, medical examiner, health, and information technology resources with New York City officials was through the highly trained, volunteer Amateur Radio (ham) operators," Jacknis said. "This irreplaceable resource must be protected from incursion by other-interests."

One of the two amateur licensees in Congress, Rep Greg Walden, WB7OCE (R-OR)--a subcommittee member called for a halt to the "astonishing" erosion of amateur spectrum. "Time and again, if you find an emergency, you find a ha radio operator," Walden said.

FCC Office of Engineeri and Technology Chief Ed mond Thomas also cited the contribution of Amateur Radio operators to public safety. "The ham radio community has offered invaluable service first responders during emergency situations," th OET chief said.

A Senate version of the Amateur Radio Spectrum Protection Act, S 537, wa introduced earlier this ye by Sen Michael Crapo (R ID). The Senate bill is be ing considered by the Co merce, Science and Tran portation Committee, bu no hearing on the measu has been set. The text of HR 713 and S 537 is ava able via the Thomas Web site <http://thomas.loc.go >.

WRC-03 UNDER WAY GENEVA

The International Teleco munication Union's (ITU) World Radiocommunicat Conference 2003 got und way June 9 in Geneva, Switzerland. More than 2600 delegates and other participants are expected to attend the four-week conference, chaired by Dr Veena Rawat of Canada.

"Several items on the con ference agenda are of gre importance to radio ama teurs, so the International Amateur Radio Union ha

(Continued on page)

(Continued from page 15)

fielded its largest team of observers at an ITU conference in more than a decade," noted IAR Secretary (and ARRL CEO) David Sumner, K1ZZ, who's part of the IARU delegation in Geneva. In addition to Sumner, the core IARU team consists of IARU President Larry Price, W4RA, Wojciech Nietyksza, SP5FM, Michael Owen, VK3KI, and Ken Pulfer, VE3PU. Past ITU Radiocommunication Bureau Director Robert W. Jones, VE7RWJ, is serving as a consultant to the IARU.

Approximately a dozen other radio amateurs representing their national IARU member-societies are participating on national delegations, along with members of IARU regional executive committees who are serving on delegations and in other capacities. Dozens of other radio amateurs are present at WRC-03 in a wide range of professional capacities.

Amateur Radio is but a small part of the conference, which is trying to complete work on more than 40 agenda items. Three are especially important to Amateur Radio: Realignment of 7 MHz allocations, revision of the regulations governing the amateur and amateur-satellite services--including the Morse code requirement for HF operation, and consideration of an allocation for satellite-borne synthetic aperture radars (SARs) in the 70-cm band.

Two other agenda items with potentially great impact are the drafting of an agenda for the next WRC, scheduled for 2007 and the revision of footnotes to the Table of Frequency Allocations. A member of the IARU core team has been assigned to follow each of these five items, but the greatest focus is on 7 MHz, Sumner said.

Committee 4, chaired by Germany's Eberhard George, DL7IH, is handling the critical agenda items for Amateur Radio except for the SARs request.

Sumner said that, while there's been plenty of informal discussion about the issues, no final decisions have been made yet. "It is important to remember that nothing is final until the second reading of a document in the Plenary, which--in the case of controversial issues--will not take place until the final week of the conference, June 30-July 4," he said.

Declining QSL volume reflects decaying conditions

ARRL Outgoing QSL Service <http://www.arrl.org/qsl/qslout.html> Manager Martin Cook, N1FOC, can't be certain, but he's ready to blame the downswing in the solar cycle for a marked decline in the number of QSL cards his bureau has handled so far this year. "I hope it's not going to be a trend of this cycle," said Cook, whose operation last year mailed out 1,963,165 cards from ARRL members to DX stations--an approximately 1.6 percent jump over 2001. So far this year, the trend is going the other way, with just 681,400 cards shipped compared with 951,000 by the same time one year ago. "This is a significant decrease in cards coming in from members for processing," said Cook, who manages the Outgoing QSL Service with assistance from Heather Dzamba.

NEW 60-METER BAND TO BECOME AVAILABLE JULY 3!

The new five-channel 60-meter amateur allocation becomes available to US Amateur Radio operators at midnight (12:00 AM) local time on July 3. The local time designation means that amateurs in the US territory of Guam likely will be the first to get a crack at the new band.

The new band will be a secondary allocation--federal government users are primary--and the first on which the only permitted mode will be upper-sideband (USB) phone (emission type 2K8J3E). The FCC last month announced it would grant hams access to five discrete 2.8-kHz-wide channels instead of the 150 kHz-wide band ARRL had requested and the FCC initially proposed. The League remains optimistic, however, that Amateur Radio eventually may be able to enjoy a band segment with multiple mode privileges at 60 meters. ARRL CEO David Sumner, K1ZZ, has said that in the meantime hams will have to be on their best behavior when taking advantage of the limited channelized allocation, open to General and higher class licensees.

The FCC has granted amateurs center-channel frequencies of 5332, 5348, 5368, 5373 and 5405 kHz--the last channel common to the amateur experimental operation under way in the United Kingdom <http://www.rsgbhfc.org.uk/5mhz.htm>. To be "on channel," users of 60 meters should set their transmitted carrier frequency 1.5 kHz lower than the channel-center frequency. In terms of day-to-day operation, the new band is expected to resemble the sort of channel sharing typical on local-repeaters.

ARRL Laboratory Manager Ed Hare, W1RFI, says hams need to be very careful if they're considering modifying their current transceiver or transmitter for 5 MHz. The ARRL advises that members check with the appropriate equipment manufacturers regarding specific modification information. Some modifications not only may void the warranty but could affect or alter a transmitter's operation in unpredictable ways.

"Hams need to be sure that any modifications put them right on the desired channel," Hare said. "Most hams are used to just having to think about band edges, so on other bands, if a mod were a bit 'off,' all operators would need to ensure is that they are not transmitting outside the band."

Hare recommended that on 5 MHz amateurs remain within "a few tens of

(Continued on page 17)

(Continued from page 16)

Hertz" of suppressed-carrier accuracy. He also pointed out that hams have a mandate not to have any of their signal occupy spectrum outside the assigned 2.8 kHz channels. Noting that high-frequency audio response can vary considerably from radio to radio, Hare has suggested restricting occupied channel audio bandwidth to 2600 Hz, rolling off below 200 Hz on the low end and above 2800 Hz on the high end.

Last-minute opposition to the granting of a band segment at 5 MHz came last year from the National Telecommunications and Information Administration (NTIA), which cited the ongoing spectrum requirements of federal government licensees having homeland security responsibilities. The NTIA administers spectrum allocated to the federal government. A compromise between the FCC and the NTIA resulted in the limited, channelized allocation. The NTIA selected the channels the FCC authorized to minimize the possibility of interference to federal government users, and it dictated the use of USB so that federal government users--who also use only USB--could readily identify amateur stations if necessary.

The FCC has set maximum power at 50 W ERP and said it would consider a typical half-wave dipole to exhibit no gain.

ARRL, DEPARTMENT OF HOMELAND SECURITY INK STATEMENT OF AFFILIATION

ARRL and the Department of Homeland Security DHS)<http://www.dhs.gov/dhspublic/> signed a Statement of Affiliation (SoA) at the League's 2003 National Convention in Texas. Since both ARRL and DHS view community disaster preparedness and response as top priorities, they pledged mutual support for Citizen Corps--a community-based training and outreach initiative that brings together volunteers and first responders.

"This is all part of the bigger picture of getting emergency communications, aligned with what our government needs," said ARRL President Jim Haynie, W5JBP, who signed the SoA on the League's behalf. "Amateur Radio stands ready to serve the country as needed in times of emergency."

Chief Operating Officer of the Emergency Preparedness and Response Directorate Ron Castleman represented the DHS at the signing and served as the lead speaker during the ARRL Forum. Programs under the Citizen Corps umbrella are aimed at helping communities prevent, prepare for and respond to terrorism, public health issues and disasters.

The Statement of Affiliation calls on ARRL and DHS to collaborate in several areas, including raising public awareness of Amateur Radio as a public safety resource and providing training and accreditation for Amateur Radio emergency communications. The DHS and the League also will work together to promote formation and assist Citizen Corps councils in education, training and volunteer service opportunities that support first responders, disaster relief organizations and community safety efforts.

HEAR YE HEAR YE HEAR YE !!!!!!!!

IT'S TIME TO DO THE PUYALLUP!!!

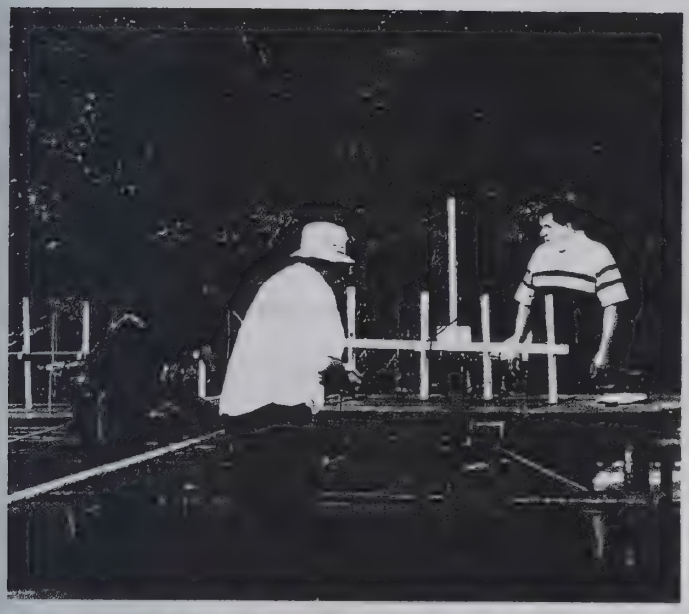
The time is fast approaching for our organized efforts for the Western Washington Fair in Puyallup. The sign up calendar will be available at meetings in June, July and August. If you are unable to attend meetings, you may contact Jill Palmer, K7JIL, at 253-539-7772 or via email at hamtalk er2@msn.com.

The dates for Western Washington Fair this year are September 5 through September 21, 2003. Our booth is in the Hobby Hall which is open 10 AM to 10 PM Sunday through Thursday and 10 AM to 11 PM Friday and Saturday. The shifts we need to cover are 10 AM to 2 PM, 2 PM to 6 PM and 6 PM to 10 PM Sunday through Thursday and 6 PM to 11 PM Friday and Saturday. We need only two persons per shift. Everyone who helps staff the booth will get a ticket for free admission to the fair. Parking is on your own. There is a silver parking lot for fair workers and we are welcome to use it.

73 and Thanks Shirley, N7QHW

Every Saturday the Clubhouse is open from 10 a.m. to 2 p.m.

MORE ANTENNA WARS PHOTOS



Ray, KD7MVG and David, KD7UBI, assist Mike, KD7QBF, with the assembly of his 6 element Bamboo Yagi. Mikes antenna wins the homebrew antenna competition with a gain of 10.5 dB.



John (AC7LK) holds onto Mike's (KD7QBF) Bamboo Yagi. Mike's Yagi was to be mounted on the tall mast on the back of Rodney's (KD7SXZ) Power Wagon pickup truck. John wanted to see if Mike's antenna would score higher than the W7DK commercial quad antenna- which had a gain of 12.2 dB. The commercial quad won with a score of 12.2 dB vs 10.5 dB.



Have a Safe 4th of July



RADIO CLUB OF TACOMA-W7DK

HAMFEST 2003

(FORMERLY THE GRAHAM FLEAMARKET)

SATURDAY, AUGUST 16, 2003 9 AM-3 PM

BECAUSE OF *YOU!* WE'VE GROWN INTO A NEW AND BIGGER LOCATION!

BETHEL JUNIOR HIGH SCHOOL IN SPANAWAY

Admission $5 (16 and under FREE w/adult) **Setup-Friday 2-7:30 PM & Sat 6-8:30-A**

* VE License Exams @ 10 am>Contact Shirley Murphy N7QHW>Sundancealso@harbornet.com
* Consignment Sales at the "COUNTRY STORE"
* Demos and Special Interest Lectures
* Commercial Displays
* Snack Bar
* Door Prizes and GRAND Prize Drawing
* Plenty of FREE Parking
* All Inside One Building
* RV Parking Available-Self Contained Only

****** *DIRECTIONS* ******

From I-5 take exit 127 to SR-512 E.

Go about 2 miles to Parkland Exit. Go Right

Go about 8 miles to 224th St. Go left.

Go 1 mile to 38th ave E. Go Left

Go .3 mile and watch for signs on the right.

* Talk-in on 147.38 pl 103.5 Simplex 147.500

* Visit us at www.W7DK.org for more info

FOR MORE INFORMATION, PLEASE CONTACT: FRANK OR JILL PALMER 253-539-7772

OR EMAIL TO: AC7JY@MSN.COM * TABLES WILL BE AVAILABLE ON SITE

RETURN THIS PORTION ONLY FOR TABLE RESERVATIONS

TABLE REGISTRATION FORM * PLEASE RESERVE TABLES BY AUGUST 9TH

NAME_____ CALL_____

ADDRESS_____

CITY_____ STATE/ZIP_____

PHONE_____

#	DESCRIPTION	$
	Non Commercial Tables @ $20 ea. Includes One Seller Admission	
	Commercial Tables @ $30 ea. Includes One Seller Admission	
	Helper Admissions @ $5 ea. We reserve the right to limit helpers	
	TOTAL AMOUNT ENCLOSED	
	Need Power? YES NO	

Make checks payable to: RCT Pre-Register for 2004 ☐

Mail to: Frank Palmer 3817 169th St. Ct. E. Tacoma, Wa 98446

ADIO CLUB OF TACOMA
O BOX 11188
ACOMA, WA 98411-0188

[ ] NEW MEMBER (ONE APPLICATION PER MEMBER)

[ ] RENEWAL (ONE RENEWAL FORM PER FAMILY OK)

EMBER CATEGORY: [ ] FULL [ ] SENIOR [ ] ASSOCIATE [ ] FAMILY [ ] LIFE [ ] STUDENT [ ] REINSTATEMENT

me_____ Call_____ Class_____ Birthday_____

dress_____City/State_____

Z+4_____Home Phone(____)_____ Work Phone(____)_____

ail address_____Publish phone number/e-mail in the Club Roster? Yes [ ] No [ ]

mer Call(s)_____

you a Volunteer Examiner ? Yes [ ] No [ ] If Yes, which VEC? ARRL [ ] W5YI [ ] Other [ ]

upation (or former occupation)_____

you a member of: ARRL [ ] ARES/RACES [ ] MARS [ ]

MILY MEMBERS NAME, CALL, AND LICENSE CLASS (RENEWALS ONLY)

_____

_____

_____

E RADIO CLUB PARTICIPATES AND SUPPORTS THE FOLLOWING ACTIVITIES EACH YEAR. PLEASE MARK THE BOX IN NT OF THE ACTIVITY OR ACTIVITIES THAT YOU WILL HELP SUPPORT. WE NEED YOUR HELP AND SUPPORT, PLEASE NSIDER AT LEAST ONE ACTIVITY THAT WE CAN COUNT ON YOU TO SUPPORT. PLEASE CHECK THE FIRST BOX IF YOU E EXPERIENCED OR ALREADY INVOLVED. CHECK SECOND BOX IF YOU WOULD LIKE TO LEARN MORE ABOUT THIS).

][ ] DIGITAL COMMUNICATIONS	[ ] [ ] VE TEAM	[ ] [ ] EMERGENCY COMMUNICATIONS
][ ] FIELD DAY	[ ] [ ] PUBLIC RELATIONS	[ ] [ ] CLUB NEWSLETTER
][ ] ANNUAL FLEA MARKET	[ ] [ ] TEACHING CLASSES	[ ] [ ] CONTESTS
][ ] BOOTH AT THE WWA FAIR	[ ] [ ] ANTIQUE RADIOS	[ ] [ ] VHF/UHF
][ ] WORKING WITH YOUTH GROUPS	[ ] [ ] DX	[ ] [ ] EXPERIMENTATION

r hobbies, interests, skills:_____

badges are available for $9.00. If you would like a badge, please PRINT the following:

Badge Name_____ Badge Call Sign_____

cant's Signature_____ Date_____

UAL MEMBERSHIP DUES: FULL OR ASSOCIATE MEMBER $30
FAMILY MEMBER (AT SAME ADDRESS, FIRST TWO) $15 EACH (ALL ABOVE 2 ARE FREE)
SENIOR MEMBER (65 AND OVER) $25 FULL-TIME STUDENT (UP TO AGE 25) $15
LIFE MEMBERSHIP = 20 TIMES ANNUAL DUES (PAYMENT PLAN AVAILABLE)
Seven dollars ($7.00) of your annual dues is for the Club's monthly newsletter (The Logger's Bark)

RCT USE ONLY

Dues received $_____ Treasurer's initials_____ Date_____

Badge fee rcvd $_____ Treasurer's initials_____ Date_____

ipt Number_____ **Radio of Tacoma Membership Number**_____

AUG 2003

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
P.O. Box 11188
Tacoma, WA 98411

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AUGUST 2003 EVENTS



AUGUST 6- Board Meeting, 7:30 p.m. Clubhouse - All members welcome

AUGUST 12- License Testing - 7 PM, Clubhouse

AUGUST 16– HAMFEST –9 A.M.-3 P.M.Bethel Jr High, Spanaway

AUGUST 13 Club Meeting - Library Administration Center, 7:30 PM

Program: Insuring Your Ham Radio Gear

AUGUST20- ***BARK deadline*** - PLEASE *please* get articles, columns, etc. in by that time! Send articles to: **thebark@comcast.net**

AUGUST 27 - Club Meeting - Library Administration Center, 7:30 PM

Program: Electrical Safety for the Ham Shack

Support OUR club - Attend meetings, volunteer, elmer.

- Check in to the 2-meter Net every Tuesday night at 7:30, on 147.28. Hear additional information on programs and other events.
- Check in on the 10 Meter Net every Sunday evening, 8 PM, on 28.375 MHz USB
- Check in to the Emergency Net every Thursday evening, 8 PM, on 147.500 simplex.
- See page 8 for meeting program schedule. Check the weekly net for updates to the program schedule.

W7DK AUGUST 2003 EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2 **OPEN HOUSE 9AM-2PM** **TEN-TEN CONTEST** **NORTH AMERICAN QSO PARTY** LARRY WATSON KD4VOM RENE SMITH HUMBERTO DOVALINA KD7UAV
3 **10 METER NET 8 PM**	4 PHIL GENDREAU W7PFZ	5 **147.28 NET 7:30 PM** RICHARD HEASTY KK7VH	6 **RTC BOARD MEETING 7:30 PM** MARTY JOHNSON KC7ZWG GEORGE COLEMAN W7GFC FRANK BILLINGTON W7FJB	7 ED HARWOOD JR KB7FEW EVA ANDERSON WB7QNS	8 GLENN MAY KC7IKL STEVE DYER KD7NEY SUE DYER KD7NEX	9 **OPEN HOUSE 9AM-2PM** ED HARWOOD SR KA7LGV
10 **10 METER NET 8 PM** MIKE SEXSMITH KD7UBD DON PERRY K7QLC	11	12 **147.28 NET 7:30 PM** STEVE HUNTER KC7QFG JIM BURNS KC7SYT	13 **RTC CLUB MEETING**	14	15	16 **OPEN HOUSE 9AM-2PM** **HAMFEST 9AM-3PM** **BETHEL JR HIGH SPANAWAY** **NORTH AMERICAN QSO PARTY** FRED SWAN K7FCS JACK HEGSETH K7DBU
17 **10 METER NET 8 PM** GEORGE LIGHTNER KD7QBE	18	19 **147.28 NET 7:30 PM** DOROTHY HUNZIKER KD7JBC ED HUNZIKER K7SAA RUSS DONAHUE KC7EKI	20	21 BOB CRELLING N7QOZ	22 DAVYD SCHATTILLY KD7UBI	23 **OPEN HOUSE 9AM-2PM**
24 **10 METER NET 8 PM** NANA WARBURTON N7OIX RALPH FULLER KA7FIG	25	26 **147.28 NET 7:30 PM** HAROLD FISHER W6JYV	27 **RTC CLUB MEETING** MARILYN OLSON KJ7BN	28 JEFF BAUMAN KC7ZWE	29 BUD THOMPSON N7FQR WAYNE KLINGENBERG KD7UBM	30 **OPEN HOUSE/MINI FLEA MARKET 9 AM-2PM**
31						

HAPPY BIRTHDAY CLUB MEMBERS

CANDACE PLUMLEE KK7PI

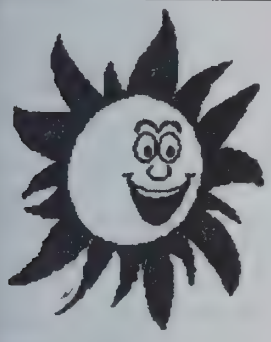
radio club of tacoma W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

ARRL RADIO CLUB OF TACOMA W7DK

W7DK AUGUST, 2003



Have a safe and Fun Summer

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From the President, Mick KK7QS

Field Day has come and gone!

Hello everyone. Here we are with summer over halfway done. We have had a lot of fun with our projects and events. As you already know, field day has come and gone. Jerry has provided us with the field day results a little deeper into this issue. As you will see we didn't have as good of propagation as we would have hoped. Therefore we made less contacts than usual. One thing that helped was everyone around the country experienced the same poor conditions. Our GOTA station did the best it has ever done. (GOTA, for those of you who don't know, stands for "Get On The Air"). The GOTA station offers help for that first time contester, or just that first time on the air experience. I think it has helped coax a lot of new operators to make that first contact. If you have questions about GOTA you can contact John Robson, AC7LK.

Are you ready for Ham Fest?

With field day done and over we find our annual flea market / ham fest just around the corner. Frank and Jill Palmer have been working all year to make this event a success. If you are interested in finding out what you might be able to do to help out this year contact Frank or Jill at 253-539-7772.It is a lot of fun to participate and if you have the time I would highly recommend it. Dawn and I will be running the food booth again this year, so bring your appetite. If you have any money left after lunch you can buy that piece of gear you been looking at all day.

Project at club headed by Nick.

Nick Winter, WA7IVO is leading a project at the clubhouse to rescue one of our tower guying support poles form death by rust. The guying support pole along side the garage has it's cement support about 6 or 8 inches under the ground and was causing the pole to rust prematurely. The project will dig up the top of the cement support and drill in rebar. Then a mold will be put in and the cement will be poured to bring it several inches above the ground. The pole will be resurfaced, the top cut off and capped, and the eye bolt will be replaced. Drop by and help out. "73" de kk7qs



Mario's Satellite Station



Rich enjoying lunch



Suspended Yagi

RADIO CLUB OF TACOMA – 2003

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PUBLISHER W7DK PRESS AC7WW 253-475-5854

LAST CHANCE TO VOLUNTEER FOR HAMFEST A
16TH Radio C[illegible] needs volu
teers to help out in many areas. Contact Frank, AC7JY t
Hamfest chair. *AC7JY@msn.com*

BEGINNER CODE CLASS A class for those who are ju
starting out learning CW will be held Saturday Aug. 9th
the clubhouse from noon to 4 p.m. Steve KD7UBE will he
the class.

ADVANCED MORSE CODE CLASS A class for those
studying CW, who are not progressing satisfactorily, will
gin Thursday, July 10th, at 7:00 PM. This is not a beginni
class. It's for those who have been practicing and already
know all or most of the letters, but are having difficulty in
achieving the 5 WPM code speed required for a General Cl
license. Contact Jerry, W7BUN, for details or to register. 2
845-7652

GET ON THE AIR (and stay there) ! The last Saturday
each month is designated as a special club activities day wi
a mini swap meet and lunch provided by the club. One of th
primary purposes is to allow new members to get to know
other members, the club equipment, and find Elmers. Bring
your questions, problems, equipment, manuals, antennas, a
even installations. Many knowledgeable and talented peopl
want to help you.

CLUB MEETINGS: 7:30 PM 2nd & 4th Wednesdays of each month at the Pierce County Library Administration Building, 3005 - 112th Street East, Tacoma, WA

W7DK/Radio Club of Tacoma

147.28 / .88 MHz (PL© 103.5)

147.38 / .98 MHz (PL© 103.5)

144.97 - Packet

440.625 / 445.625 (PL© 103.5)

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 253-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20 times the appropriate annual fee.

E-mail all articles to: thebark@comcast.net or mail to Dawn Pier KC7VZM, 308 118th Ave. Ct. E., Edgewood, WA 98372. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. *The Logger's Bark* does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in *The Logger's Bark* if credit line is included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO: *THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

Radio Club of Tacoma Meeting Minutes

MINUTES NOT AVAILABLE AT TIME OF PUBLISHING.

Radio Club of Tacoma
Treasurer's report for June 2003

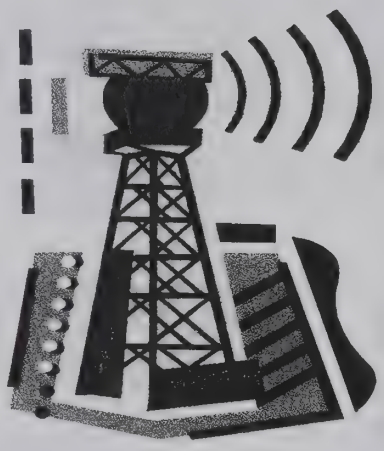
Treasurer: Chuck Kemmer AC7QN

Income:

Badge(s)	$9.00
Books	155.00
Door prize (2nd qtr)	475.00
Field day donations	30.15
Membership (dues)	60.00
Total:	**$729.15**

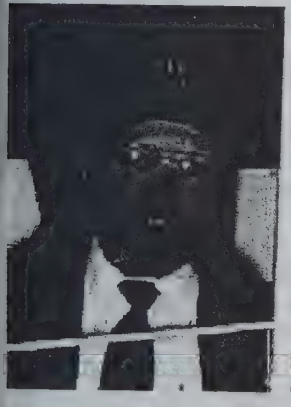
Expenses:

Comcast (DSL)	$50.21
Equipment (repeater parts)	233.51
Equipment (club radio repair)	34.64
Equipment (poly line field day)	11.97
Mail	82.49
Telephone 759-2040 (May)	81.36
Telephone 759-6861 (May)	21.89
Telephone 759-2040 (June)	81.19
Telephone 759-6861 (June)	21.90
Total:	**619.16**
Net (Gain):	**$109.99**
Checking acct bal	**$2377.35**



WHAT DO YOU DO WITH A RUBBER DUCKY?

By Rich N7ANF



Did I ever explain what a rubber ducky is? I just sort of assumed most everyone knew. That's that little rubber antenna on your hand held VHF / UHF radio. Sometimes referred to as a helically wound dummy-load. With not much better gain either.

If you remember the recent articles from the ARRL about the new 60 meter band, and they said along with 50 watts ERP you had to have an antenna with unity gain, which was a simple half wave dipole. That was "0 dB". Or if you had an antenna with some gain you had to cut back your power 'till it was 50 watts ERP. All 0dB means is that there is no extra gain above a dipole. Can you imagine what kind of gain you have with a little rubber antenna on top of your low power radio hanging off of your belt? something like minus 15 dB or worse. Someone has the figures out there. And we wonder why so many of us hear scratch and noise on the repeaters. We would never think of operating a ground plane or a J-pole 20 or 30 feet down in a hole. So don't expect much from the wimpy little thing. I get alot of heat off of mine at the high power of 5 watts.

Earnie would be proud of this story: On the news a few days ago, it seems about 4 or 5 years ago a ship dumped, by accident, a large load of real rubber duckys overboard out in one of the oceans and they are studying the ocean currents by where they wash up. Well I can't tell much when I wash up, except its probably time for dinner. And I think I'm washed up for now. So have fun and don't get any RF burns.



Rich N7ANF

Be sure to record and report all malicious repeater interference to Nick WA7IVO wjnjr@blarg.com or 253-474-3788.

THANKS
TO: JERRY SELIGMAN W7BUN

EDITH (KB7KSY) AND DICK(W6PWR) STRONG

WISH TO THANK JERRY

FOR HIS TIME, SUPPORT, AND TEACHING SKILLS.

BECAUSE OF HIS EFFORTS IN THE JUST COMPLETED

EXTRA CLASS, THEY WERE SUCCESSFUL

IN PASSING THEIR EXTRA EXAMS.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please contact Jill Palmer, K7JIL, 253-539-7772 or e-mail hamtalker2@msn.com

Please submit BARK articles by the 20th of each month to:

thebark@comcast.net.



ARES/RACES BY SHIRLEY MURPHY, N7QHW

Mark Yordy, W7BBO, Emergency Coordinator/RACES Radio Officer is open to any and all ideas from anyone on how you feel ARES can best be promoted in Pierce County. Contact him via email at w7bbo@juno.com.

ARES MEETING in **August** to be held at the Fife Poodle Dog Restaurant on Sunday, August 10th at 12 Noon. It should be an interesting meeting as the new organization of the ARES in the state will be explained. Pierce County will be its own district now and our local group will also be reorganized. Come and find out what is going on.

A reminder to all, if you are interested in ARES and have HF privileges, you are welcome to check into the WA States ARES net held on Mondays at 6:30 PM and Saturdays at 9 AM on the frequency of 3985 KHz. The back up frequency is 7245 KHz.

Rich Heasty, KK7VH, the Net Manager for Pierce County Amateur Radio Communications Services nets is still looking for volunteers to help run the net. He may be reached at 360-897-6576 or via email at rheasty@wolfenet.net if you would like to volunteer to do a net.

Shirley Murphy, N7QHW, manages membership applications and maintenance of the roster. Contact Shirley at 253-265-3661 or via email at sundancealso@harbornet.com

regarding any questions or concerns relating to Department of Emergency Management Worker Identification Cards. A reminder to all that if your DEM card has an expiration date anytime during 2003, contact her for a renewal form to get an updated card.

Special Events Manager is **Judy La Fleur, N7NII,** who can be reached via telephone at **253-847-5198** (you must leave a message and she or her representative will get back to you). She is also available via email at **n7nii@msn.com.**

Medical Services Manager who is Pat Nicholson, N7WGR, and he is looking for volunteers to help support the communications needed for medical facilities. Contact him at 253-864-6589 or via email at patn0011@earthlink.net.

Mario Badua, KD6ILO, is leading the Emergency Communications Emergency Response Team. These are the folks that are the first persons to be called out for events. He has zones 3, 4, and 5 covered but is still looking for volunteers to cover zones 1, 2, and 6. Volunteers would need a 4 wheel drive vehicle equipped with radios. Ideally, a 2 person team is desired but to get started, a single person can be a responder. Contact Mario at 253-952-5880 or via email at kd6ilo@arrl.net.

Pierce County Phone Numbers:

Pierce County Emergency Coordinator: Mark Yordy, W7BBO 253-857-5123;w7bbo@juno.com.

Assistant Emergency Coordinator/Zone 1 Manager: Rollo Van Slyke, N7JQ 360-876-2803; rollo@worldfront.com

Assistant Emergency Coordinators/ Anderson Island Managers: John Mollan, AE7P and Donna Mollan, WB7FDE. John and Donna can be reached at 253-884-1679; ae7p@arrl.net.

Net Manager for Pierce County Amateur Radio Communications Services nets: Rich Heasty, KK7VH 360-897-6576; rheasty@wolfenet.net

Membership Applications and Roster Maintenance: Shirley Murphy, N7QHW 253-265-3661; sundancealso@harbornet.com

Special Events Manager: Judy LaFleur, N7NII 253-847-5198

Medical Services Manager: Pat Nicholson N7WGR 253-864-6589; patn0011@earthlink.net

Emergency Communications Emergency Response Team lead: Mario Badua, KD6ILO 253-952-5880; kd6ilo@arrl.net

Watch the NOAA website for future Skywarn weather spotter training classes. The web address is www.wrh.noaa.gov/seattle.

I would like to once again encourage everyone to get active in ARES/RACES and get behind our leadership persons and give them your support.

Don't forget to check into the Pierce County Amateur Radio Communication Services net on each Tuesday at 7 PM on the 146.640 MHz repeater.

ARES/RACES web page is http://piercecounty.tripod.com.

Check it out and see what is happening. More information will be added as it is needed or becomes available. The net preamble is also available on the web page.

Thanks to all for your support of ARES/RACES.
73 Shirley, N7QHW

ARRL RCT VE Team Report by Shirley Murphy, N7QHW

June 2003 testing consisted of one test session and compared with the past few months, a quiet one. Seven people tested in the month of June. Out of the 7 people, 4 people achieved a new license, 2 people achieved an upgrade, 1 person passed the requested element but did not upgrade. Overall, there were 10 test elements given. 9 were passing and 1 failure for a percentage rate of 90% passing. Achievements included 3 Technician Class license, 1 Tech with HF, and 2 General Class license. Congratulations are extended to Radio Club Member Patricia Wingerter, KD7TRC, General Class.

July 2003 testing was one session only and again a fairly quiet session with only 10 people testing. Ten people tested during July. Out of the 10 people, 4 people achieved an upgrade, 2 people passed the requested element but did not upgrade, and 4 people were not successful at this testing session. Overall, there were13 test elements given. 8 were passing and 5 failures for a percentage rate of 61.5% passing. Achievements included 3 General Class and 1 Extra Class. Congratulations are extended to Radio Club Member Dick Strong, W6PWR, Extra Class and Michael Sexsmith, KD7URD, who passed the written Extra , Element 4 and just needs to work on that elusive Morse Code to become Extra Class. Congratulations also to Edith Strong, KB7KSY, who upgraded to Extra Class on the 15th of July.

Thanks to the VE Team members who helped make the testing session run so smoothly. It is very much appreciated and couldn't be done without you. Keep up the good work and next month I'll raise your salary for sure.

73, Shirley, N7QHW, Radio Club of Tacoma VE Team Liaison

UPGRADE YOUR LICENSE!

RCT VE TESTING
EVERY SECOND TUESDAY OF THE
AT THE CLUBHOUSE AT 7 P.M.

Anyone wanting to take any element of the amateur radio tests is welcome - no reservations needed.

****

RADIO CLUB OF TACOMA 147.28 MHZ
TUESDAY EVENING NET

NET CONTROL STATIONS:

JUNE 3 KK7QS **JUNE 17 K7BUD**

JUNE 10 KA7IOX **JUNE 24 W7BUN**

W6PWR 2 DICK	AC7LK 4 JOHN	K7ROL 2 CAROL	KD7UBE 1 STEVE
N7ANF 1 RICH	KD7MVG 1 RAY	W7RQ 1 JOE	KD7UBI 4 DAVID
WB7AUJ 1 DAVID	KD7NES 2 GWEN	W7RW 4 ANDY	KD7UFZ 1 MARK
KJ7BN 2 MARILYN	KD7NUV 3 MICKEY	KD7RWT 1 GINO	AC7UJ 1 PAUL
K7BUD 3 BUD	WA7OHG 3 WADE	W7SKI 3 BOB	K7UPG 1 GARY
W7BUN 4 JERRY	KC7OKS 3 ED	KG7SM 1 BOB	KD7UYN 3 DEBBIE
W7DON 2 DON	N7OMS 1 AL	KD7SQR 4 DOUG	KD7UYO 1 TRAVIS
W7EC 4 HAL	KB7QAG 4 JEFF	KD7SXU 3 GARRY	KD7VBW 1 RENEE
W7EG 2 BOB	KD7QBF 1 MIKE	KD7SXY 1 JIM	KD7VJR 2 JUDSON
KC7EQ 1 ANGELA	N7QHW 1 SHIRLEY	KD7SXZ 4 RODDNEY	N7VPB 2 JOANNE
KA7IOX 2 SCOTT	N7QHX 1 TOM	KC7SYW 1 MARY	KC7VUM 2 LOU
K7ITX 3 DICK	K7QLC 1 DON	W7TEL 1 DANNY	KD7VYL 1 LUPE
WA7IVO 1 NICK	AC7QN 1 CHUCK	KD7TQW 1 LARRY	W7WG 3 WORTH
K7JIL 2 JILL	N7QOZ 3 BOB	KD7TQX 4 ADAM	KD7WJ 1 RON
KC7JME 2 NORA	KK7QS 2 MICK	N7TQZ 1 DENNIS	AC7WW 3 JOHN
KC7JPJ 2 BRUCE	KK7QW 1 PETE	KD7TRA 4 RANDY	WG7X 3 GARY
AC7JY 2 FRANK	KD7QYS 2 TROY	KD7TRB 2 ROB	KB7ZDR 2 MICHAEL
KB7KSY 1 EDITH	KD7QYU 2 JUD	KD7UAA 3 BOB	KD7ZYL 1 LUPE
AC7KQ 2 RAY	W7RDZ 1 RAY	KD7UBD 2 MIKE	W9BYH 3 BILL



Check in to the Tuesday evening Net at 7:30p.m. on 147.28 (the W7DK repeater) for the latest news and announcements from the club!

Aug 13th UPCOMING PROGRAMS AT RCT Aug 27th

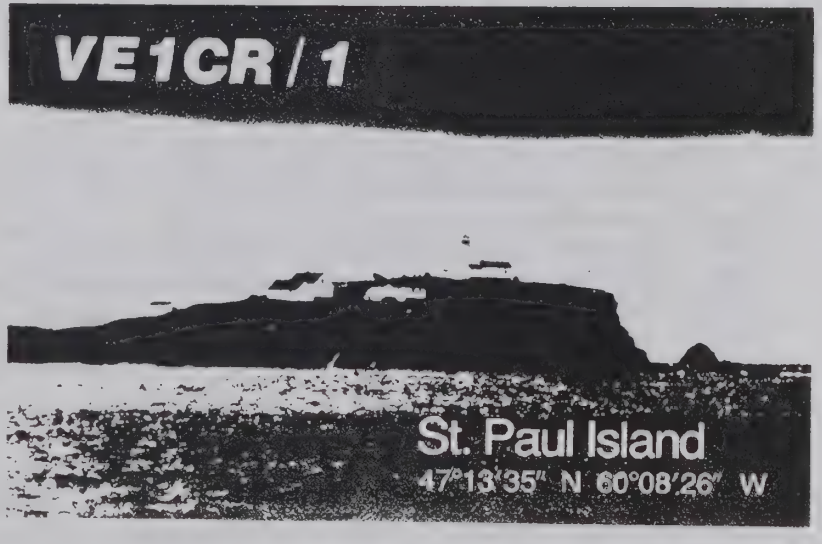
WEDNESDAY, AUGUST 13TH – INSURING YOUR HAM RADIO GEAR

Mile McCluskey, a State Farm insurance agent, will present a generic overview of insurance as it applies to your ham radio equipment. He will explain how much your homeowner's policy covers you for stolen or fire damaged radios, how you are protected if your antennas or towers fall on your house or your neighbor's house, and what your automobile policy covers if your mobile radio equipment is stolen or destroyed by fire. After the presentation, Mike will conduct a question and answer period about insurance pertaining to radio gear.

WEDNESDAY, AUGUST 27TH – ELECTRICAL SAFETY FOR THE HAM SHACK

A representative from Tacoma Power will discuss electrical safety for your ham shack. Topics will include proper wiring for 120 and 240 VAC, grounding of equipment, use of GFIs, fuses and circuit breakers, and current electrical codes you should be aware of.

QSL Card of the Month



ST. PAUL ISLAND, the graveyard of the Gulf of St. Lawrence, is located fourteen miles off Cape North, the Northeastern part of Cape Breton, Nova Scotia. A menace to navigation, St. Paul has been the location of countless shipwrecks. Many a dream of early immigrants to North America were thrashed on her hazardous rocky shoreline. Before the establishment of lifesaving stations, many a shipwrecked mariner after fighting their way through rocky outcrops and churning seas to shore, only starved to death on this desolate island. There have been more than a thousand who have lost their lives on the rocks of St. Paul. St. Paul is divided into two parts. The large island has many abandoned dwellings and an automated lighthouse on the Southwest side. The island is uninhabited except for a few birds who nest there. The small island houses the Northeast light and is separated from the large island by a narrow channel of water. Two lighthouse keepers, the ONLY residents of St. Paul Island live in one of the three houses built by the Canadian Coast Guard.

Every Saturday the Clubhouse is open from 10 a.m. to 2 p.m.

2003 FIELD DAY REPORT

	2001 QSOs	2002 QSOs	2003 QSOs
160 meters	16	0	0
75 meters SSB	166	316	370
40 meters CW	0	82	144
40 meters SSB	200	151	55
20 meters CW	488	568	396
20 meters SSB	299	649	367
15 meters CW	0	43	0
15 meters SSB	373	42	107
10 meters SSB	13	0	48
VHF/UHF CW & PHONE	1	0	76
Get On The Air Station	0	41	180
Natural Power QSOs	0	7	8
Satellite QSOs	1	1	0
Score (less bonus points)	4098	5172	4594
Bonus Points	1300	1410	1400



40 METER PHONE



FIELD DAY BBQ



FIELD DAY ANTENNA'S

Our score was slightly less than last year's due to the poor propagation as we wind down from the peak of the sunspot cycle. The generator ran flawlessly this year, thanks to the generator committee. The 20 meter Yagi antennas were computer optimized and worked well. Many more members and guests visited the site than any previous Field Day. Thank you to all those who worked so hard to make this one of the most fun Field Days in many years. Nick Winter, WA7IVO, will be Field Day Chairman in 2004. I'm sure you'll give him as much support as you've given me in my three years as chairman.

73,

Jerry W7BUN, 2003 Field Day Chairman

****

HEAR YE! HEAR YE! HEAR YE!!!!!!!! IT'S TIME TO DO THE PUYALLUP!!!

The time is fast approaching for our organized efforts for the Western Washington Fair in Puyallup. The sign up calendar will be available at meetings in June, July and August. If you are unable to attend meetings, you may contact Jill Palmer, K7JIL, at 253-539-7772 or via email at hamtalker2@msn.com.

The dates for Western Washington Fair this year are September 5 through September 21, 2003. Our booth is in the Hobby Hall which is open 10 AM to 10 PM Sunday through Thursday and 10 AM to 11 PM Friday and Saturday. The shifts we need to cover are 10 AM to 2 PM, 2 PM to 6 PM and 6 PM to 10 PM Sunday through Thursday and 6 PM to 11 PM Friday and Saturday. We need only two persons per shift. Everyone who helps staff the booth will get a ticket for free admission to the fair. Parking is on your own. There is a silver parking lot for fair workers and we are welcome to use it.
If you haven't signed up yet, there is still time to volunteer before Shirley starts calling you and begging for more help. She will do that so **pleeeeeze volunteer.**



73 and Thanks Shirley, N7QHW

Pacific NW Hamfests

Information gathered from the website of N7CFO

August 3, 2003. Jefferson Amateur Radio Society 20th Annual Swap and Potluck. Lake Selmac, OR. 9:00 am to 3:00 pm. Potluck @ 1:00 pm. They will raffle 2m radios and a fifth one will be given as a door prize. The lake is 1/2 mile south of Selma, OR, on Hwy 199. Turn left at the road at the base of the hill. Follow it to the lake and stay on the same road until you start past the lake, then turn right and go about 150 ft. There will be signs directing you to the area, and members will be monitoring the ORCA Linked system. For more information, email wb6yqp@rascals.org <mailto:wb6yqp@rascals.org> or call 541-479-4772. <http://www.jars-orca.org/>



August 16, September 2003. Electronics Fleamarket, Radio Club of Tacoma. (Note new date and location!) Bethel Junior High School in Spanaway, WA. For information, contact Frank Palmer, AC7JY AC7JY@MSN.COM <mailto:AC7JY@MSN.COM> or call at (253)539-1685. <http://www.w7dk.org/> Flyer in PDF. <rct03.pdf>

August 17, 2003. Antique Radio Swap Meet. Sponsored by the Puget Sound Antique Radio Association. 9 AM to 1 PM. Shoreline museum parking lot. N. 175th & Linden, Avenue, North Seattle. One block west of Aurora Ave. or one mile west of I-5, exit 176. This is the best antique swap meet of the year. Set up seems to start before dawn, so get there early. <http://www.eskimo.com/~hhagen/psara.html> Flyer in PDF. <psara03.pdf>

August 17, 2003. Antique Radio Swap Meet. Sponsored by the Puget Sound Antique Radio Association. 9 AM to 1 PM. Shoreline museum parking lot. N. 175th & Linden, Avenue, North Seattle. One block west of Aurora Ave. or one mile west of I-5, exit 176. This is the best antique swap meet of the year. Set up seems to start before dawn, so get there early. http://www.eskimo.com/~hhagen/psara.html

September 27, 2003. Hamfest 2003. New University High School, Spokane, WA 99206. Spokanehamfest@yahoo.com.

September 28, 2003. (Sunday) Langley ARA Radio and Computer Swap Meet. Aldergrove Elks Hall, 27309 Fraser Hwy., Aldergrove, BC. Tables $15.00 General Admission $3.00. (All prices Canadian!) Please note, 1 helper per table only. Talk In 147.380+. Sellers 9:00, AM Buyers 10:00 AM to 1:00 PM. Contact Wayne Muster (604)556-7810 VE7CKY@rac.ca or Larry Thompson (604)539-2489 VE7LGT@mailcity.com. Visit the LARA WEB Site at http://www.langleyamateurradio.com/

September 2003. Chehalis Valley ARS Hamfest. Chehalis, WA. Southwest Washington Fairgrounds, Centralia, WA. www.cvars.org

W7DK calls for contesters!

Contesting with W7DK at the Clubhouse:
Club goal is 100 DX qsl cards to decorate the clubhouse wall!
Organize a contesting party at the Clubhouse - contact John AC7LK for info.

RADIO CLUB OF TACOMA 2003 SCHOLARSHIP

A $500 scholarship is available to Western Washington students.

Applicants must have a demonstrated financial need.

Applicants must be studying a scientific or technical course.

Applicants must be enrolled in post-secondary education in a college or vocational school.

Application forms must be postmarked by August 15, 2003.

For an application form, write or e-mail:

RCT Scholarship Committee

c/o Jerry Seligman

12306 80th Ave. East

South Hill, WA 98373

ELMER BOARD

Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members' areas of interest.

1.Technical questions, Classes

2. Help with Code

3. License Examinations

4. Antenna and Station planning

5. Antenna and Tower erection

6. Buying new or used equipment

7. Equipment repair

8. Understanding and operating your equipment

9. DX and Contests

10. Club and ARRL activities

11. Using test equipment

12. IRLP

Name/Call Sign /Phone Number/Help with topic

Jerry, W7BUN 253-845-7652: 1,4,6,9,10

Alan, KB7SVU 253-840-4947: 4,5,10

Frank, AB7YZ 253-752-8520 : 2,3

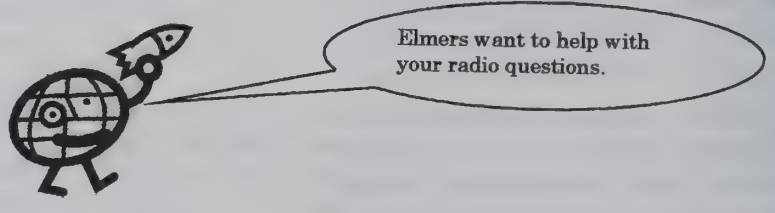
Roger, WA7ANJ 253-475– 4293: 1,2,3,4,7,8,11

Angela, KC7EQ : 2

John, AC7LK 253-984-6709: 3, 4, 8,10,12

Mick, KK7QS 253-891-6950 : 12

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the Elmer Board!





Mini-Swap Meet at the Clubhouse

Saturday, Last Sat of May Mini Swap Meet at the Clubhouse ... 10 a.m. to 2 p.m.....There will be food (hot dogs, etc.) ...Bring in your items you want to swap or sell or stop by to see what others bring.



TECHNICAL HELP BY DAVE FUNK, WA7RSO

Time Constants:

(Introduction – part #1 of 6 parts)

For a lot of those folks that have struggled with the technical aspects of this subject, the mere mention of how to calculate RC and RL Time Constants is enough to send them scurrying to the hills. Actually, there are some folks who have found it quite exciting and informative, but there are many who have indeed had a lot of trouble with that subject. Now, having said all of that, with your permission - I would like to see if I can show you some ways to look at this terrifying subject in such a way as to take away whatever fears you may have had on this subject, and hopefully shed some light on this very important subject. I would also like to illustrate a few concepts that I think will help a great deal.

At the risk of being somewhat redundant here, with similar discussions in other topic areas presented on this site, it would be perhaps helpful to indicate certain topics that are actually tightly related. I would even go so far as to say that in many cases, most folks do not realize just how they do tie together. Not only do they just tie together, they really help in understanding each other.

Some examples are Thevenin's Equivelant Circuit & Norton's Equivelant Circuit, which we will take a look at later, and see how they can be used effectively for our analysis. We can use these equivelant circuits to reveal some very interesting relationships, that otherwise can be quite a mystery to us.

As we take a look at the "Time-Constant" aspect of resistive-capacitive (R*C) circuits, we will begin to see the fundamental aspect of "Capacitive Reactance" becomes an issue, and also what causes the resulting phase-angle that is generated in actual circuits. We can also discover what they really mean when reference is made to "Imaginary Numbers". We can then progress to what actually formulates the resulting value we call "Impedance".

As we take a look at the "Time-Constant" aspect of inductive-resistive (L/R) circuits, we will begin to see the fundamental aspect of "Inductive Reactance" (and also "Skin-Effect") becomes an issue, and also what causes the resulting phase-angle that is generated in actual circuits. As in the RC circuits, we can also discover what they really mean when reference is made to "Imaginary Numbers", and why everything is so radically opposite to the capacitive circuits. And again, we can then progress to what actually formulates the resulting value we call "Impedance". In these inductive circuits we will be able to take a special look at the inductive kick-back, called "CEMF".

Next month: ***Resistor-Capacitive circuit timing, called "R*C" Time-Constants.***

Your Advertisement could be Here!

Advertise your business in the Bark

For details call

Dawn Pier 253-891-6950

Don't Forget Hamfest Aug. 16th

News from the ARRL

by Jerry W7BUN

ADDITIONAL COSPONSORS SIGN ABOARD AMATEUR RADIO SPECTRUM PROTECTION ACT

Additional cosponsors have signed aboard the Amateur Radio Spectrum Protection Act of 2003. Identical versions of the measure, an ARRL initiative, have been introduced in both the US House and Senate. The House version, HR 713, now has 44 cosponsors, while the Senate version, S 537, has five. Now on their third try on Capitol Hill, both measures would require the FCC to provide "equivalent replacement spectrum" to Amateur Radio if the FCC reallocates primary amateur frequencies, reduces any secondary amateur allocations, or makes additional allocations within such bands that would substantially reduce their utility to amateurs.

Florida Republican Rep Michael Bilirakis filed the House version of the bill, HR 713, on February 12. The measure's most recent cosponsors include US representatives JD Hayworth (R-AZ), Paul Gillmor (R-OH), Greg Walden, WB7OCE, (R-OR), Rick Boucher (D-VA), John M. Spratt Jr (D-SC) , Sherwood L. Boehlert (R-NY), Robert Wexler (D-FL), Mike McIntyre (D-NC), Ken Calvert, (R-CA), Joe Wilson (R-SC), John T. Doolittle (R-CA), Neil Abercrombie (D-HI) and Frank Pallone Jr (D-NJ).

Idaho Sen Michael Crapo introduced the Senate version of the bill on March 6. Original cosponsors were senators Daniel Akaka (D-HI) and Larry Craig (R-ID). Other S 537 cosponsors are US senators Conrad Burns (R-MT), Sen Susan M. Collins (R-ME) and Max Baucus (D-MT). Burns chairs the Senate Communications Subcommittee.

ARRL President Jim Haynie, W5JBP, continues to encourage ARRL members to urge their senators and representatives and to cosponsor the bills, which lends support to legislation while it's in committee. The House bill has been referred to the Subcommittee on Telecommunications and the Internet; the Senate bill will be considered by the Comerce, Science and Transportation Committee. According to Haynie, letters and e-mails are the key to getting legislation passed.

A sample letter is available on the ARRL Web site <http://www.arrl.org/govrelations/arspa.html>. Those writing their lawmakers are asked to copy their correspondence to the League via e-mail <specbill03@arrl.org> <mailto:<specbill03@arrl.org>>;.

On June 11, Haynie testified on Capitol Hill on behalf of HR 713. He was the last of 11 scheduled witnesses to speak during the Subcommittee on Telecommunications and the Internet hearing, "The Spectrum Needs of Our Nation's First Responders." Haynie told the subcommittee that hams have lost more than 100 MHz of VHF and UHF spectrum over the past 15 years and that another nearly 360 MHz of VHF and UHF spectrum "has been substantially compromised."

The text of HR 713 and S 537 is available via the Thomas Web site <http://thomas.loc.gov/>.

HARMONICS WEB PAGES OPEN UP THE POSSIBILITY OF HAM RADIO FOR YOUNGSTERS

An eight-year-old kid's first crystal set, built with the help of his grandfather. Hearing radio signals without electricity. That was how many veteran Amateur Radio operators were introduced to the magic of radio in past eras. The new century offers many avenues--including the Internet--through which youngsters can experience the same magic. With that in mind, ARRL Field and Educational Services introduces the Harmonics Web pages <http://www.arrl.org/FandES/ead/youth/>. "The mission of the new Harmonics kids' pages is to expose children to the possibilities of Amateur Radio, not clobber them over the head with a pile of technical information," said Educational Programs Coordinator Jean Wolfgang, WB3IOS. The Web pages currently feature the first of a number of age-appropriate activities for kids. Web visitors can play games, download informative printouts to color, read news articles about other kids involved with ham radio, work puzzles, click on live links, listen to audio samples of Morse code and space station contacts and much more. Throughout the site, kids are greeted by colorful cartoon "hamsters" who explore the world of Amateur Radio along with the young people visiting the site. ' pages target kids aged 5 to 15. Harmonics invites them to get acquainted with the basic conc of Amateur Radio through imn diate personal interaction and discovering how other kids are using ham radio for personal c munication and to expand thei exploration of science and tech ogy. Wolfgang says Harmonics will include more games and a QSL card template with drag-a drop interactive design in the n future.

"BPL IS A PANDORA'S BOX OF UNPRECEDENTED PRO PORTIONS," ARRL TELLS FCC

Citing the potential for interference to and from Amateur Radi the ARRL has called on the FC to "take no steps" to permit Bro band over Power Line (BPL)--a form of power line carrier (PLC) technology. In response tothe FCC's BPL Notice of Inquiry (NOI) published May 23, the League this week filed a 120-pa response--including studies. The NOI, which asked how the FCC should regulate the delivery of broadband services to homes an businesses using electrical wirin to conduct high-speed digital sig nals, attracted some 1900 comments--many from the amateur community--by the July 7 comment deadline.

"ARRL is unwilling to have the Amateur Service gored with the double-edged sword of an incompatible service that will at once (cause widespread interference, and (2) preclude any future changes in the amateur HF alloc tions," the ARRL said. The Leagu said that based on "diligent and exhaustive research," it's concluded that BPL must avoid any and all amateur MF, HF and VH allocations without exception.

The League said that while it's aware that current Part 15 rules permit BPL, its interference potential remains untested and unrealized, since no access BPL sys

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tems are in operation. BPL proponents would prefer that the FCC authorize even higher power levels for such systems, however.

"BPL is a Pandora's Box of unprecedented proportions," the ARRL declared. It asked the FCC to modify its Part 15 rules to prevent interference to users of the HF and low-VHF spectrum from the start and "to prevent consumers' reliance on BPL as an interference-free broadband delivery system."

Studies appended to the League's comments suggest received signal levels of BPL broadband noise at typical amateur stations would be anywhere from 34 dB to 65 dB higher than typical ambient noise levels in the worst-case situations. "BPL cannot be deployed using amateur allocations in the MF, HF and VHF bands without severely high interference potential," the ARRL reiterated.

Electric utility companies would operate many, if not most, BPL systems. ARRL pointed out that some power companies have demonstrated a less-than-stellar record of cooperation in resolving complaints of power line noise to hams. "It is a very substantial problem now for the Amateur Service, without the addition of BPL to the mix," the League said.

The ARRL concluded by urging the FCC to ensure that BPL "is not permitted to operate in or near any Amateur Radio allocations" and that any future changes in ham allocations would "trigger retroactive modifications to BPL facilities" to avoid amateur frequencies.

ARRL's comments and additional information are available on the ARRL Web site <http://www.arrl.org/announce/regulatory/et03-104/>.

The ARRL has initiated an important Spectrum Defense Fund campaign to support activities to educate government officials on the potential threat that BPL poses to Amateur Radio. To find out more, or to support ARRL's efforts in this area, visit the ARRL's secure BPL Web site <https://www.arrl.org/forms/development/donations/bpl/>

SEE YOU ON 60! FIVE CHANNELS NOW OPEN FOR USE

The five new 60-meter "channel center" frequencies--5332, 5348, 5368, 5373 and 5405 kHz--are available! Given the constraints imposed on the five lightly used government frequencies, ARRL advises members to demonstrate their best operating behavior and to use common sense when operating under the new rules. The channelized domestic, secondary allocation at 5 MHz marks the first new HF amateur band since the 1980s.

The only legal mode is upper sideband voice (USB), with a maximum bandwidth of 2.8 kHz (centered within each channel). On July 3, the first day the band was available, hundreds of operators opened up on one of the channels to grab their first contacts. The friendly free-for-all took place on a fairly level playing field, however, since the FCC has imposed a 50 W effective radiated power (ERP) limit. The new FCC rules--§97.303(s)--define this as the transmitter output in peak envelope power (PEP) multiplied by antenna gain relative to a half-wave dipole or the equivalent calculation in decibels. The Commission presumes that a half-wave dipole on the 5 MHz allocation has a gain of 0 dBd.

Licensees using antennas other than a half-wave dipole must maintain in their station records either manufacturer data on the antenna gain or calculations of the antenna gain. The bottom line for most hams will be to erect a wire dipole, set their transmitter to 50 W PEP output and enjoy the new band.

For more information, see the 60-Meter FAQs posted on the ARRL Web site <http://www.arrl.org/FandES/field/regulations/faq.html>.

AMATEURS "FIRST OF THE FIRST RESPONDERS," DHS OFFICIAL SAYS

ARRL now is an official affiliate program of Citizen Corps <http://www.citizencorps.gov>, an initiative within the Department of Homeland Security <http://www.dhs.gov/dhspublic/> to enhance public preparedness and safety. ARRL President Jim Haynie, W5JBP, signed the formal Statement of Affiliation between DHS and ARRL during the ARRL 2003 National Convention June 21. Chief Operating Officer of the Emergency Preparedness and Response Directorate (FEMA) Ron Castleman represented Under Secretary for Emergency Preparedness and Response Michael D. Brown at the signing. Citizen Corps Liaison to the White House Liz DiGregorio called ham radio operators the "first of the first responders." "You are there. You are part of that very, very first response when it happens locally," especially in the initial stages of an emergency or disaster, DiGregorio told an overflow audience. She urged amateurs to explore ways to expand their role in the community beyond being the last resort when other communication systems fail. "You need to show your community that you're engaged," she said. "They need to know as a community that ARRL is there." Castleman said his agency really needs Amateur Radio's help. "Hams have a long and distinguished history of assisting and cooperating with FEMA," he said. He said FEMA wants to continue to work with Amateur Radio operators as partners and expand hams' community safety role. "We also want to help prepare every citizen across our country before disaster strikes," Castleman said.

The League joins the National Safety Council, Points of Light Foundation, National Voluntary Organizations Active in Disaster, National Volunteer Fire Council, National Fire Protection Association, Save A Life Foundation and The Jaycees as Citizen Corps affiliate programs.

The SoA calls on DHS and ARRL to raise public awareness of Amateur Radio as a safety resource. "That's what you are all about, and we need a safer America," DiGregorio said.

In addition, DHS and ARRL will cooperate in providing training and accreditation for Amateur Radio emergency communications. They also will work together to promote the formation of local Citizen Corps councils and assist them with education, training and volunteer service opportunities "that support first responders, disaster relief organizations and community safety efforts." As an affiliate, ARRL will be linked from the FEMA and Citizen Corps Web sites.

"We need you, and you need us, and we want to work together with you to make this all happen," DiGregorio concluded, "because we all share the same goal, and that goal is a better, stronger, more secure America."

The ARRL National Convention 2003 was held in conjunction with Ham-Com<http://www.hamcom.org> in Arlington, Texas. FEMA announced the SoA signing on its Web site <http://www.fema.gov/nwz03/nwz03_138.shtm>.

LEAGUE WARNS OF BOGUS QST SOLICITATIONS

Someone has been attempting to sell "subscriptions" to QST, but it's not the ARRL. ARRL Customer Service/Circulation Manager Kathy Capodicasa, N1GZO, reports she's received several telephone calls and e-mails from members reporting the scam.

"Apparently, there is some kind of bogus telephone solicitor out there trying to get people's names, addresses and credit card numbers," she said. "ARRL does not solicit for 'subscriptions' to QST." She warned that under no circumstances should a member give out a credit card number to someone trying to sell them QST over the telephone.

As the official membership journal of the ARRL, QST is not available to the general public from a magazine distributor or outside publishing

house. Capodicasa advises those getting calls from the phony solicitor to try to get the solicitor's name and to check the caller ID box, if they have one, to obtain the caller's number. She requested that members share any such information with her via e-mail to n1gzo@arrl.org <mailto:n1gzo@arrl.org> or telephone, 860-594-0257.

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WESTERN WASHINGTON GETS NEW SECTION MANAGER

Veteran ARRL Western Washington Section Manager Harry Lewis, W7JWJ, is stepping down as of July 1. Assistant Section Manager Ed Bruette, N7NVP, of Poulsbo--the only candidate who had filed to succeed Lewis in the fall--will fill the remaining three months of Lewis's term. ARRL Field and Educational Services Manager Rosalie White, K1STO, announced Lewis's early departure and Bruette's nomination June 26. "Your work as Section Manager for more than a dozen years has touched many people for the good of Amateur Radio," White said in praise of Lewis's tenure as SM. A ham since the 1940s, Lewis has served as Western Washington Section Manager since January 1991. Lewis will continue as Technical Coordinator. He had indicated earlier this year that he would not seek another term as SM, and Bruette was running unopposed for the Section Manager's seat. Lewis's wife, former Northwestern Division Director Mary Lewis, W7QGP, also is leaving her current post as a Western Washington Assistant Section Manager. Bruettehas been an ASM since January 2003 and was Section Emergency Coordinator from 1998 through 2002. He is also the Washington State RACES officer.

WELL-KNOWN CONTESTER, DXer DIES IN FALL FROM TOWER

Well-known contester and DXer Steve Miller, N8SM (ex-D8IXE), of Prosper, Texas, died June 15 as a result of a fall while working on his AmateurRadio tower. He was 38. An ARRL member, Miller had extensive experience in tower work and antenna installation. With the assistance of several other hams, Miller had erected a 136-foot tower on his property and installed several antennas as part of his overall effort to build a competitive contesting station.

Details of the mishap that claimed Miller's life are not available. According to unofficial accounts, Miller had been working on his tower the morning of June 15, and, after a lunch break, told his wife, Radhicar, that he had another hour's work left. Later, she heard a noise from the yard and found her husband lying on the ground. Miller's wife called 911, but the rescue squad was unable to revive him.

HAM'S TICKET SET ASIDE AS FCC INVESTIGATES ALLEGATIONS OF FALSE DISTRESS CALLS

The FCC's Wireless Telecommunications Bureau (WTB) has set aside the nearly month-old Technician-class license of a California man while it looks into allegations that the now-former licensee may have made false-marine distress calls. In a June 3 letter, FCC Special Counsel Riley Hollingsworth notified Michael V. Swift of San Ramon of the WTB's action--taken on the bureau's own motion. The FCC granted Swift the call sign KG6QOB on May 1 and canceled his ticket May 29.

In his letter, Hollingsworth said the cancellation was "based upon evidence that you made numerous false distress calls on Channels 16 and 22A Marine frequencies." Hollingsworth warned Swift that in view of the WTB's action, he had no authority to operate Amateur Radio transmitting equipment.

Hollingsworth told ARRL that agents in the FCC's San Francisco office--in cooperation with the US Coast Guard--reportedly tracked transmissions on

the marine channels to Swift's residence, where they interviewed him.

The FCC also sent a Warning Notice May 30 to Ronald E. Shapiro, N2CQT, of Kerhonkson, New York, citing information alleging that the licensee "deliberately interfered with and harassed operators on 3.906 MHz" on May 24.

"It appears that you were operating under some type of impairment," Hollingsworth wrote, "and during the transmissions played music, made transmissions to no one in particular and deliberately transmitted on top of ongoing communications." The FCC alleges the transmissions, which began at about 1 AM, continued for almost an hour.

Hollingsworth gave Shapiro 20 days to explain the circumstances of the operation detailed in the Warning Notice.

ARRL's 2002 Annual Report is hot off the press!

The League's 2002 Annual Report is currently available to members free of charge upon request. The report offers an overview of League activities for the year, messages from ARRL President Jim Haynie, W5JBP, and Chief Executive Officer David Sumner, K1ZZ, along with ARRL's complete audited financial statements for 2002. Send requests--including your name, call sign and mailing address--to Media Relations Manager Jennifer Hagy, N1TDY, jhagy@arrl.org <mailto:jhagy@arrl.org>. The report also is available on-line as a PDF document. <http://www.arrl.org/announce/annualreport/02ar.pdf>.

ROSTER UPDATES FOR AUGUST 2003

CALL SIGN CHANGES:

Ron Henderson, was WA7OEE, now K7DY

Don Leonard, was KC7OKJ, now N3WN

Address corrections and additions:

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Puyallup, WA 98375
253-848-0704

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253-582-3844

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Puyallup, WA 98375
253-536-8650

Ross Cunningham, KC7UFM
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Puyallup, WA 98374
253-435-4102

Dick Giguere, KA7FXQ
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253-846-7679

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253-752-0236

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253-564-7832

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ROSTER UPDATES FOR AUGUST 2003 continued

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253-847-0126

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Port Orchard, WA 98367-7406

Chris Jones, KD7TQO
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Doug Smith, AJ7Y
6601 77th Ave. Ct. NW
Gig Harbor, WA 98335-6245
253-851-7506

More Field Day Pictures











RADIO CLUB OF TACOMA
PO BOX 11188
TACOMA, WA 98411-0188

[ ] NEW MEMBER (ONE APPLICATION PER MEMBER)

[ ] RENEWAL (ONE RENEWAL FORM PER FAMILY OK)

MEMBER CATEGORY: [ ] FULL [ ] SENIOR [ ] ASSOCIATE [ ] FAMILY [ ] LIFE [ ] STUDENT [ ] REINSTATEMENT

Name_____ Call_____ Class_____ Birthday_____

Address_____ City/State_____

Zip+4_____ Home Phone(____)_____ Work Phone(____)_____

e-mail address_____ Publish phone number/e-mail in the Club Roster? Yes [ ]

Former Call(s)_____

Are you a Volunteer Examiner ? Yes [ ] No [ ] If Yes, which VEC? ARRL [ ] W5YI [ ] Other [ ]

Occupation (or former occupation)_____

Are you a member of: ARRL [ ] ARES/RACES [ ] MARS [ ]

FAMILY MEMBERS NAME, CALL, AND LICENSE CLASS (RENEWALS ONLY)

_____

_____

_____

THE RADIO CLUB PARTICIPATES AND SUPPORTS THE FOLLOWING ACTIVITIES EACH YEAR. PLEASE MARK THE BOX IN FRONT OF THE ACTIVITY OR ACTIVITIES THAT YOU WILL HELP SUPPORT. WE NEED YOUR HELP AND SUPPORT, PLEAS CONSIDER AT LEAST ONE ACTIVITY THAT WE CAN COUNT ON YOU TO SUPPORT. PLEASE CHECK THE FIRST BOX IF Y ARE EXPERIENCED OR ALREADY INVOLVED. CHECK SECOND BOX IF YOU WOULD LIKE TO LEARN MORE ABOUT THIS

[ ] [ ] DIGITAL COMMUNICATIONS	[ ] [ ] VE TEAM	[ ] [ ] EMERGENCY COMMUNICAT
[ ] [ ] FIELD DAY	[ ] [ ] PUBLIC RELATIONS	[ ] [ ] CLUB NEWSLETTER
[ ] [ ] ANNUAL FLEA MARKET	[ ] [ ] TEACHING CLASSES	[ ] [ ] CONTESTS
[ ] [ ] BOOTH AT THE WWA FAIR	[ ] [ ] ANTIQUE RADIOS	[ ] [ ] VHF/UHF
[ ] [ ] WORKING WITH YOUTH GROUPS	[ ] [ ] DX	[ ] [ ] EXPERIMENTATION

Other hobbies, interests, skills:_____

Club badges are available for $9.00. If you would like a badge, please PRINT the following:

Badge Name_____ Badge Call Sign_____

Applicant's Signature_____ Date_____

ANNUAL MEMBERSHIP DUES: FULL OR ASSOCIATE MEMBER $30
FAMILY MEMBER (AT SAME ADDRESS, FIRST TWO) $15 EACH (ALL ABOVE 2 ARE FREE
SENIOR MEMBER (65 AND OVER) $25 FULL-TIME STUDENT (UP TO AGE 25) $15
LIFE MEMBERSHIP = 20 TIMES ANNUAL DUES (PAYMENT PLAN AVAILABLE)
Seven dollars ($7.00) of your annual dues is for the Club's monthly newsletter (The Logger's B

FOR RCT USE ONLY

Dues received $_____ Treasurer's initials_____ Date_____

Badge fee rcvd $_____ Treasurer's initials_____ Date_____

Receipt Number_____ Radio of Tacoma Membership Number_____

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
P.O. Box 11188
Tacoma, WA 98411

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September, 2003 EVENTS



Sept 3- Board Meeting, 7:30 p.m. Clubhouse - All members welcome

Sept 6– Pinochle Potluck 7:00 p.m. Clubhouse

Sept 9– License Testing - 7 PM, Clubhouse

Sept 10 - Club Meeting - Library Administration Center, 7:30 PM

Program: The latest news from the FCC and AARL

Sept 20 - BARK deadline - PLEASE *please* get articles, columns, etc. in by that time!

Sept 24 - Club Meeting - Library Administration Center, 7:30 PM

Program: Is Life Too Short for QRP?

- Support OUR club - Attend meetings, volunteer, elmer.
- Check in to the 2-meter Net every Tuesday night at 7:30, on 147.28. Hear additional information on programs and other events.
- *Check in on the 10 Meter Net every Sunday evening, 8 PM, on 28.375 MHz USB*
- See page 8 for meeting program schedule. Check the weekly net for updates to the program schedule.
- YLs - Check in to the YL Net on the 147.28 repeater every Monday at 8 PM.

W7DK September 2003 EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 *TODD KELLEY KD7NPT	2 147.28 NET 7:30 PM	3 RCT BOARD MEETING 7:30 PM *DAVE BARBER K7LHB *ADAM FERRISS KD7TQX	4 *LES FRIES KA7MYU	5 *TOM GILMORE W7PK	6 OPEN HOUSE 9AM-2PM Pinochle Potluck 7:00 p.m. Clubhouse ALL ASIAN DX CONTEST SSB
7 10 METER NET 8 PM ALL ASIAN DX CONTEST SSB	8 *JUDY KIRKREIT AJ7R	9 147.28 NET 7:30 PM VE LICENE TESTING 7:00 P.M. CLUBHOUSE	10 RCT CLUB MEETING	11	12 *RAY WINTER AC7KQ	13 OPEN HOUSE 9AM-2PM
VISIT THE RADIO CLUB OF TACOMA'S BOOTH AT THE PUYALLUP FAIR IN THE HOBBY HALL SEPT 5-21						
14 10 METER NET 8 PM	15	16 147.28 NET 7:30 PM	17	18 *WORTH GURLEY W7WG	19 WASHINGTON STATE SALMON RUN (QSO PARTY)	20 OPEN HOUSE 9AM-2PM *ERIC QUIST WA7WAL
21 10 METER NET 8 PM WASHINGTON STATE SALMON RUN (QSO PARTY) GARY BREIVIK N7GWC	22	23 147.28 NET 7:30 PM *BOB ARCHER N7APP	24 RCT CLUB MEETING *BOB WIDMANN W7UEA	25 *BOB CROUCH KG7SM	26 *FRANK BANNON AC7YJ *BUD MITZE K7BUD	27 OPEN HOUSE /MINI FLEA MARKET 9AM-2PM CHEHALIS VALLEY ARS HAMFEST—CENTRAILIA, WA FAIRGROUNDS
28 10 METER NET 8 PM *LORNA NELSON KB7YTJ	29 *AL BURLESON K7HW *JOHN CURRIE W7ARK	30 147.28 NET 7:30 PM	1 (OCTOBER) RCT BOARD MEETING 7:30 PM	2 (OCTOBER)	3 (OCTOBER)	4 (OCTOBER) OPEN HOUSE
5 (OCTOBER)	6 (OCTOBER)	9 (OCTOBER)	8 (OCTOBER) RCT CLUB MEETING	9 (OCTOBER)	10 (OCTOBER)	11 (OCTOBER)

HAPPY BIRTHDAY CLUB MEMBERS

radio club of tacoma W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXX NR. 5 W7DK September, 2003

News Briefs:

Scouts earn Radio Merit Badges . Page 10

GTA station does well at Field day. Page 9

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Thank You HAMFEST CREW

This is just a short note for you to let you know that Jill and I want to sincerely thank you **all** for the hard work, organization, planning, and dedication that made Hamfest 2003 a success. We got many compliments and as expected a few complaints. We'll just make it even better next year. I know it was a real pain (literally for some of us) to move those table tops, saw horses, and chairs, but we did save the club about $650.00 by doing that. Word is that next year we will rent all of the tables.

Still, I'm just amazed at how all of you were so eager to do so much and then ask for more!

The crew at the parking lot entrance had their hands full with a combination of paperwork, directing the vendor vehicles, the RV's, last minute changes, and buyer vehicle traffic mixing in. We should have had more directors out near that area. That means we needed more volunteers!

Just before time to open the doors it started to sprinkle a little more than we wanted. That made a problem for signs, tickets, raffle box, and the people waiting in line. At that time we were also short on help at the entrance area. They did the best they could.

At the unloading area, we had about 10 people (not even too many) in a continuous flurry of helping to unload vehicles and dragging carts and pallets throughout the building.

The tables at the Country Store were almost bowed with goods to be sold. There was a steady flow of customers there and our salesmen rarely had a minute to sit down.

One end of the small Gym was busy with several Demos spread on five tables as our demonstrators enjoyed showing and telling about Ham Radio.

Our Customer Service crew was always busy rigging power for a table or adjusting some accommodation for the vendors.

It was before 7 a.m. when the food crew was hard at it setting up, making coffee, and then running non-stop till the show was over. They even brought fresh Pizza right to the buyers and sellers!

The Civil Air Patrol (C.A.P.) cadets kept guard at all the important doors and kept it an honest Hamfest again this year!

Most people said the directions were good, but the "talk-in" was there for those who needed more help.

The VE testing went smooth as always. They had there own little building across the parking lot that assured a quiet session.

The ARRL table was a popular area for people to stop for a chat with Greg Milnes, Ed Bruette, and Jim Fenstermaker.

The tear down crew was just awesome. About 2 hours from start to finish and we were out of there.

Several people stopped me to tell me we did a good job. Like I told them, it wasn't us who did a good job. It was all of the volunteers who made it happen.

I was the last person to leave and the custodian stopped to tell me everything looked great and advised me to put in our registration for next year right away.

Again, we thank you.

"73"

Frank and Jill

RADIO CLUB OF TACOMA OFFICERS – 2003

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PUBLISHER W7DK PRESS AC7WW -475-5854

Announcements

Do the Puyallup! Sept 5-21, 2003 Visit our bo in the hobby hall

GET ON THE AIR (and stay there) ! The last Saturday of each month is designated as a spe cial club activities day with a mini swap meet and lunch provided by the club. One of the pri- mary purposes is to allow new members to get know other members, the club equipment, and find Elmers. Bring your questions, problems, equipment, manuals, antennas, and even insta lations. Many knowledgeable and talented peo want to help you.

The Elmer Board is published for a reason-u it or volunteer.!

440 Repeater to return to the air soon!!!! Wor on the 440 antenna is currently underway and should be completed soon.

Washington State Salmon Run (QSO party) Sept 20-21. Join us at the clubhouse for fun on t air. (and maybe smoked salmon)

CLUB MEETINGS: 7:30 PM 2nd & 4th Wednesdays of each month at the Pierce County Library Administration Building, 3005 - 112th Street East, Tacoma, WA

W7DK/Radio Club of Tacoma

147.28 / .88 MHz

147.38 / .98 MHz (PL° 103.5)

144.97 - Packet

440.625 / 445.625 (PL° 103.5)

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 253-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles to the-bark@comcast.net or mail to Dawn Pier, kc7vzm, 308 118th Ave. Ct. E., Edgewood, WA 98372. Mail all advertising to Shirley Murphy, N7QHW, 161 Maple Lane NW/Raft Island, Gig Harbor WA 98335-5949. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. *The Logger's Bark* does not verify or guarantee statements in the Swap or Wan columns. Permission is granted to use any or all portions of arti published in *The Logger's Bark* if credit line is included in the repo

THE LOGGER'S BARK, OFFICIAL PUBLICATION OF T RADIO CLUB OF TACOMA, IS PUBLISHED MONTHLY BY W7 PRESS, PO BOX 11188 TACOMA, WA 98411. THE PUBLICATI IS MAILED FROM TACOMA, WA 98411 UNDER 3rd CLASS BU NON-PROFIT ORGANIZATION, US. POSTAGE PAID TACO WA. PERMIT #1078.

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The Radio Club of Tacoma is a non profit organization as defined law, and all proceeds will be used exclusively for charitable and e cational purposes.

Radio Club of Tacoma Meeting Minutes

June 25,2003

Meeting opened at 1930 hours with the Flag Salute led by Mick, KK7QS.

Introductions were made around the room.

Illness or Silent Key: Chuck Souter, KA7HJN, should be recovering from cataract surgery.

Correspondence: Phone bills, bank statements, newsletters, address corrections, ads, and community meeting notice.

Treasurers Report: Published in the Bark.

Announcements: John, AC7LK, announced the new IRLP access code. A special presentation of a plaque was made to Kathleen Nace, N0EYK, for her dedicated service as our Editor of the Bark for many years. Jerry, W7BUN, mentioned the scholarship program. He also stated that he will be doing a code class starting July 10. It will be for increasing speed rather than a beginners class. He also announced upcoming programs. .

Program: Field Day Prep. Jerry, W7BUN went over the Field Day plans and explained it. We should be a 6 Alpha, Western Washington. Rich, N7ANF, spoke about the Field Day food

Tuning and Traffic: Gary, W7NTF, worked a QRP contact a thousand miles away on 1 watt.

Drawing: 2 Pocket knife/money clips won by Frank, KB3NV, and Mick, KK7QS. A repeater directory won by George, KK7FM. 50/50 for $36 won by John, AC7LK.

Number signed in as present was 54

Adjourned at 2049

Board Meeting July 2, 2003

Opened at 1930 by Mick, kk7qs, President.

Minutes: Approved as written.

Correspondence: Bank statements, newsletters, and address corrections.

Treasurer: Income $729.15 Expenses $619.16

Committee Reports: Frank, AC7JY, Hamfest meeting 11 July, 7 P.M. at the clubhouse. Reservations are coming in good. Bob, W7EG, Packet committee reports problems with formatting the hard drive and that has delayed getting it back on the air. John, AC7LK, IRLP report. We are having problems with the computer, but it is being worked on. Nick, WA7IVO, said he will report on repeaters at the next meeting. Jerry W7BUN, reported that we have had no applications for the scholarship. Jill, K7JIL, reported that we still need sign ups for the Fair. Mick, KK7QS, reported that we need more people to check the phone messages, we also need a work party to fix up the parking lot. Nick, WA7IVO agreed to be the club liaison with the FCC.

New Business: Jerry, W7BUN, reported that Hal, W7EC, has donated the super slingshot to the club. Jerry also reported on the power companies proposal to put high speed internet on the power lines. It will cause great interference with amateur radio frequencies. MSP to have Jerry do a petition on behalf of the club opposing this.

Good of the Order: Jill, K7JIL is seeking donations of items for her daughter, serving in Baghdad. Also e-mails would be appreciated. Rich, N7ANF, asked that people be considerate of others and not hide the decaf coffee and tea. Ed, KC7OKS reminded everyone to sign in. Bob, W7EG mentioned that some surplus outfits have portable towers for sale.

Present: Mick, KK7QS; Bill, AB7WJ; George, KK7FM; Rich, N7ANF; Gill, K7JIL; Frank, AC7JY; Chuck, AC7QN; John, AC7LK, and Ed, KC7OKS. Visitors: John, AC7WW; Nick,WA7IVO; Kathleen, N0EYK; Roddney, KD7SXZ; Jerry, W7BUN; Bob, W7EG; Ray, AC7KQ; Jud, KD7QYU; Lupe, KD7VYL; Bob, N7AHR; June, No Call: Al, K7HW; and Rich, AE7RW.
Adjourned at 2045

July 9,2003

Meeting opened at 1930 hours with the Flag Salute led by President Mick Pier, KK7QS.

Introductions were made around the room.

Illness or Silent Key: Judd, KD7QYU, has back surgery coming up on July 10th.

Correspondence:. Returned Membership letters, newsletter, ComCast bill, ads, survey, and Financial Report.

Treasurers Report: Reported in the Bark.

Announcements: Mick, KK7QS, reported on the letter to the FCC sent for the club by Jerry, W7BUN, opposing the lessening of rules for Broadband Power Line use. Mick reported that a Hamfest meeting would be held at the clubhouse on the 11th. 7.P.M. Keith, (Call not Heard) announced a beginners code class at the clubhouse at noon on Saturday. Mick also announced that Nick, WA7IVO, was the club liaison with the FCC. John, AC7LK, spoke about the Scout Camp Merit Badge training and stated that we need some more help. Rich, AE7RW, also reported on his experience at the camp. Dick, W6PWR, upgraded to Amateur Extra. Jerry, W7BUN, announced upcoming programs and asked for ideas for new programs. He also spoke of the WARTS picnic this Saturday. Jack, W7IMW, is looking for an RS XT202. Rich, N7ANF, announced that we have some cheese left over from Field Day. Jill, K7JIL, announced that we still need help in the Hobby Hall for the Fair. Please sign up. She also requested that if you wished to donate items for her daughter Jessica, KD7PJU,stationed in Baghdad you could contact her. Also you can get her e-mail address from Jill. Jessica would love to hear from us.

Program: QSL cards, bureaus, etcetera.

New Business: John, AC7LK, was asked to inform the Rifle and Revolver Club that we would like to use their facility again next year for Field Day.

Tuning and Traffic: David, KD7UBI reported contacting Nick, WA7IVO, on 60 meters. We also had a report by Gary, W7NTF, who has now worked 19 states on 60 meters.

Good of the Order: A report of how we were able to help a Rifle and Revolver Club member get some lost property back during Field Day.

(Minutes Continued on page 5)

Drawing: A hikers Helper was won by Worth, W7WG, and a 2 meter radio was won by Dave, WA7RSO.

Number signed in as present was 51.

Adjourned at 2042

July 23,2003

Meeting opened at 1930 hours with the Flag Salute led by Mick, KK7QS.

Introductions were made around the room.

Illness or Silent Key: Judd, KD7QYU, had his back surgery and is recovering. Pat, N7CAK, is in the hospital.

Correspondence: Renewals, bank statements, property tax notice, newsletters, address corrections, ads, and a solicitation.

Treasurers Report: Reported in the Bark.

Announcements: Frank, AC7JY, reported 51 paid vendor registrations for the Ham Fest. John, AC7LK, reported on a request for assistance with radio training from the Penninsula Mounted Search and Rescue group. He also requested help with the Boy Scout Radio Merit Badge training at their camp. It has been going well, but we had a member who had to drop out because of recovery from surgery. John reported that the IRLP will be operating Saturday with the access code. Nick, WA7IVO, requested that anyone hearing malicious interference on our repeaters report it to him by e-mail giving date, time and if you can hear it on the reverse. (wjnjr@blarg.net) Jerry, W7BUN, gave us the Field Day report and thanked all who helped. He also reported on upcoming programs, and mentioned that classes will resume in early October.

Program: Packet Radio, presented by Bob, W7EG and Gary, W7NTF.

Tuning and Traffic: John, AC7LK reported that we had come in 3rd in our area on the VHF contest. We will try to do better next time. Gary, W7NTF, has worked 29 states on 60 meters. David, KD7UBI, reported on a CW contact he made with Tacoma.

Hints and Kinks: Nick, WA7IVO, reported on an accidental interference problem with the repeater that corrected. Jerry, W7BUN, reported on a virus that is going around. It uses peoples e-mail addresses but isn't from them. Al, AC7BU, reported on a free virus detection program for home use, AVG.Com

Good of the Order: Jill reported that we still have openings for the Hobby Hall booth at the WW Fair.

Drawing: 2 Free entry tickets to the RCT Hamfest won by Chuck, AC7QN and Hal, W7EC. 50/50 won by John, AC7LK, $40.50

Number signed in as present was 49.

Adjourned at 2057

Board Meeting August 6, 2003

Opened at 1930 hours by Mick, KK7QS.

Minutes of Last Meeting: Approved as corrected

Correspondence: Membership renewals, newsletter, phone bills, bank statements, new member, returned letters, catalog, and ads.

Treasurer: Income $512.06 Expenses $829.60

Announcements: Mick reminded everyone that Bark material must be in by the 20th of the month . He also mentioned a problem that caused the repeater to be shut down. Nick, WA7IVO reported on tracing an interference problem and getting it corrected. Nick and crew repaired the footings of the tower support poles. General discussion on repeater interference problems. Mick reported that our 440 repeater co-ordination should be done soon. Jerry, W7BUN, told us he had a copy of the noise caused on the amateur bands by Broad Band Power Line transmissions. It would virtually shut down all HF frequencies.

Committee Reports: Frank, AC7JY, reported that we had 66/67 tables already reserved for the Hamfest. We will have a Hamfest meeting on Saturday the 9th at the clubhouse. !0 A.M. Jerry, W7BUN, reported that we have had 3 requests for scholarship applications. He reported that he has a lot of problems with the membership applications and such that he recently took over. It will take him awhile to get it all straight. Jill, K7JIL, reported that we still have many openings for the Hobby Hall booth at the Fair. Nick, WA7IVO, reported that the 440 antenna will come down this weekend and will be back up a better configuration after the Hamfest He also reported on progress on the upgrading and movement of the repeaters, and plans for some new antennas to be installed. MSP to purchase 200 feet of rope and a suitable pulley for working c the tower. Also some needed cable end John, AC7LK, reported on the Scout Ca program. Discussion on the need for a trailer that could hold equipment needec for programs such as scouts, schools, an emergencies.

Sunshine: Jill reported Phil Phillips, G4UFH, needed some help winding a c for an antenna he was assembling. It wa suggested that if he could get it to the cl house on Saturday someone could proba bly help him with it.

Good of the Order: Ed, KC7OKS, read note that we had received from the XYL Mac Parks, W6NBD. She thanked us fo being kind to him on the air when he checks in. She also renewed his membe ship. Bud, K7BUD, suggested that we donate our extra radio magazines to hosp tals and other waiting rooms. He suggested that we should put some kind of club flyer in each one. Frank, AC7JY, is looking for a collapsible antenna pole to used at the Hamfest.

New Business: Nick asked about the dis position of the towers. The ones on the trailers may be sold at the Hamfest. Rich AE7RW, brought a donation from Pat, KD7TRC. It is an antique battery hydrometer. We will secure and use it with our back-up batteries. Rich also volunteered to install the baseboards in the clas room. George, KK7FM, is moving to Iowa so this will be his last Board meetin Dick, W6PWR, stated that we still need t get on the roof of the Hobby Hall to chec those antennas.

Present: Mick, KK7QS; Ed, KC7OKS; George, KK7FM; Frank, AC7JY; Jill, K7GIL; John, AC7LK; Chuck, AC7QN; and Bill, AB7WJ. Visitors: Nick, WA7IVO; Roddney, KD7SXZ; Dick, N7ITX; Elizabeth, N7ITY; Dick, W6PWR; Jerry, W7BUN; Rich AE7RW; and Al K7HW.

Adjourned at 2103

Continued on page 7

ARES/RACES BY SHIRLEY MURPHY, N7QHW

ark Yordy, W7BBO, Emergency Coordinator/RACES Radio fficer is to be open to any and all ideas from anyone on how you el ARES can best be promoted in Pierce County. Contact him a email at w7bbo@juno.com.

ne ARES meeting was held on August 10, 2003 at 12 Noon at the oodle Dog Restaurant. There were approximately 20 persons in endance.

ne new restructuring for ARES/RACES took effect on August 1, 03. The redistricting of the state was changed to match the omeland Security Department structuring of districts within the ate of Washington. There are 9 Regional Homeland Security ordination Districts (RHSCD). Homeland Security calls them gions and ARES calls them Districts.

District 1—Whatcom, Skagit, and Snohomish Counties
District 2—Clallam, Kitsap, and Jefferson Counties
District 3—Grays Harbor, Pacific, Lewis, Thurston, and Mason Counties
District 4—Wahkiakum, Clark, Skamania, and Cowlitz Counties
District 5—Pierce County
District 6—King County
District 7—Adams, Chelan, Douglas, Grant, Okanogan, and Kittitas Counties
District 8—Franklin, Benton, Columbia, Garfield, Walla Walla, Klickitat, and Yakima Counties
District 9—Ferry, Lincoln, Pend Oreille, Spokane, Stevens, Whitman, and Asotin Counties

ark Yordy, W7BBO, is now the District Emergency Coordinator EC) for District 5 and the persons who were Zone Managers are w Emergency Coordinator (EC) for their Zone within Pierce unty.

Zone 1 EC is Rollo VanSlyke, N7JQ
Zone 2 EC is vacant
Zone 3 & 4 EC is currently being managed by Jo Ann Nadeau, N7VPB
Zone 5 EC is vacant
Zone 6 EC is Jim Lawrence, N7RHX

oming activities include a SET exercise by Medical Services on Octo- r 4, 2003. It could include national involvement but not for sure yet t will be a multi county event. More information will be provided on e weekly net as it is received.The Pierce County Emergency Opera- ons Center is on the move and will soon be located next to the Comm op and LISA. More information on that at a later date.
will soon be a requirement for all ARES members to take the EM- OMM course Level 1. Level 2 & 3 will be voluntary except for DEC d EC. You can sign up for the course on line by going to the ARRL eb page and click on Education. There is a $45 dollar charge which is funded to you upon completion of the Level 1 course. The times to gn up for these are limited. Level 1 course sign up is from one minute ter midnight on the first Sunday and goes till midnight on the follow- g Saturday or closes as soon as the quota has been reached. This has en a very popular course so if you plan to take it, be prepared.

ext **ARES MEETING** will be **Sunday, November 2, 2003 at 12 oon.**
you are interested in ARES and have HF privileges, you are welcome check into the WA States ARES net held on Mondays at 6:30 PM and

Pierce County Phone Numbers:

Pierce County Emergency Coordinator: Mark Yordy, W7BBO 253-857-5123;w7bbo@juno.com.

Assistant Emergency Coordinator/Zone 1 Manager: Rollo Van Slyke, N7JQ 360-876-2803; rollo@worldfront.com

Assistant Emergency Coordinators/ Anderson Island Managers: John Mollan, AE7P and Donna Mollan, WB7FDE. John and Donna can be reached at 253-884-1679; ae7p@arrl.net.

Net Manager for Pierce County Amateur Radio Communications Services nets: Rich Heasty, KK7VH 360-897-6576; rheasty@wolfenet.net

Membership Applications and Roster Maintenance: Shirley Murphy, N7QHW 253-265-3661; sundancealso@harbornet.com

Special Events Manager: Judy LaFleur, N7NII 253-847-5198

Medical Services Manager: Pat Nicholson N7WGR 253-864-6589; patn0011@earthlink.net

Emergency Communications Emergency Response Team lead: Mario Badua, KD6ILO 253-952-5880; kd6ilo@arrl.net

*cc*Saturdays at 9 AM on the frequency of 3985 KHz. The back up frequency is 7245 KHz.
Rich Heasty, KK7VH, the Net Manager for Pierce County Amateur Radio Communications Services nets is still looking for volunteers to help run the net. He may be reached at 360-897-6576 or via email at rheasty@wolfenet.net if you would like to volunteer to do a net.
Shirley Murphy, N7QHW, manages membership applications and maintenance of the roster. Contact Shirley at 253-265-3661 or via email at sundancealso@harbornet.com regarding any questions or concerns relating to Department of Emergency Management Worker Identification Cards. A reminder to all that if your DEM card has an expiration date anytime during 2003, contact her for a renewal form to get an updated card.
Special Events Manager is **Judy La Fleur, N7NII,** who can be reached via telephone at **253-847-5198** (you must leave a message and she or her representative will get back to you). She is also available via email at **n7nii@msn.com.** At this time, there are no scheduled events. Again, listen to the weekly net for up to date information.
Medical Services Manager who is Pat Nicholson, N7WGR, and he is looking for volunteers to help support the communications needed for medical facilities. Contact him at 253-864-6589 or via email at patn0011@earthlink.net.
Mario Badua, KD6ILO, is leading the Emergency Communications Emergency Response Team. These are the folks that are the first persons to be called out for events. He has zones 3, 4, and 5 covered but is still looking for volunteers to cover zones 1, 2, and 6. Volunteers would

(continued on page 7)

(continued from page 6) need a 4 wheel drive vehicle equipped with radios. Ideally, a 2 person team is desired but to get started, a single person can be a responder. Contact Mario at 253-952-5880 or via email at kd6ilo@arrl.net. Watch the NOAA website for future Skywarn weather spotter training classes. The web address is www.wrh.noaa.gov/seattle.

Don't forget to check into the Pierce County Amateur Radio Communication Services net on each Tuesday at 7 PM on the 146.640 MHz repeater.

ARES/RACES web page is http://piercecounty.tripod.com.

Check it out and see what is happening. More information will be added as it is needed or becomes available. The net preamble is also available on the web page.

Thanks to all for your support of ARES/RACES.
73 Shirley, N7QHW

RCT VE TESTING

EVERY SECOND TUESDAY OF THE MONTH

AT THE CLUBHOUSE AT 7 P.M.

Anyone wanting to take any element of the amate radio tests is welcome - no reservations needed.

Meeting minutes continued from page 5

August 13, 2003

Meeting opened at 1932 hours with the Flag Salute led by Mick, KK7QS. Introductions were made around the room.

Illness or Silent Key: None reported.

Correspondence: 1 membership renewal, 2 address corrections, 1 newsletter, World Radio, and a letter from Tacoma City Water.

Treasurers Report: In the Bark and a sheet available for review.

Announcements: Nick, WA7IVO, reported on repairing the tower guy wire support masts, and taking the 70cm antenna down for repair and relocation. He also reminded us about the Loggers Certificate program. Do you have yours? Dick, W6PWR, asked for help for picking up tables for the Ham Fest. Needed were people with pickups. (Volunteers came forward, Thanks!) Frank, AC7JY, announced that we expect to have about 100 tables at the Ham Fest. Several new venders. Shirley, N7QHW, sent the Fair sign up sheet around. Mick, KK7QS, announced that we were changing broadband servers. Jerry, W7BUN, announced that classes will resume in October. He spoke about Broadband Power Line proposals. He also played a tape of actual noise from a trial in Japan. It wiped out the HF bands with static. Please read the comments the FCC has gotten and plan to reply to them. (Available on the FCC web site, or see Jerry.) Jerry announced upcoming programs, and asked for help from members to update their e-mail addresses.

Program: Mike McCloskey, State Farm Insurance. He spoke about insurance coverage and how your equipment was covered. He fielded questions.

Hints and Kinks: Mick, KK7QS, has a kink in his back, and also reported that he was having some problems with multipathing on receive with his new dualband antenna. It was also reported that McClendon's hardware has substitutes for Federal breakers, which are no longer made.

Tuning and Traffic: Jerry, W7BUN, reported on some upcoming contests. He declined a challenge to go head to head with the club station on low power. Davis, KD7UBI, contacted Sweden last week on 20mtrs.

Good of the Order: George, KK7FM, was bid a fond farewell. We had cake and ice cream for him afterwards. His work is taking him to Iowa. So if you travel through there give him a shout. Line of sight goes a long way there. Discussion was held on the PL tone on the talk in repeater for the Ham Fest.

Drawing: 5 free entry's to the Ham Fest won by: Bill, AB7WJ; Chuck, AC7QN; Mike, KD7QBF; Rob, WB7QCS; and Jerry, W7BUN. It should be noted that a few others were drawn first but gave the tickets back for various reasons. Thanks to them. 50/50 was $32.50 won by Roddney, KD7SXZ. Number signed in as pre sent was 52.
Adjourned at 2035.

Radio Club of Tacoma Treasurer's report for July 200

Treasurer: Chuck Kemmer AC7QN

Income:	
Books	$235.00
Field day donations	24.06
Membership (dues)	245.00
Returned check fee reimbursement	5.00
Photocopies (clubhouse)	3.00
Total	$512.06

Expenses:	
Badges	$7.62
Books	183.85
City treasurer (utilities)	276.94
Field day	192.19
License (generator trailer)	37.00
Mail (Postage)	37.00
Website domain name fee (5 yrs)	95.00
Total:	$829.60
Net (loss)	($317.54)

Sept 10

UPCOMING PROGRAMS AT RCT

Sept 24

WEDNESDAY, SEPT 10TH - THE LATEST NEWS FROM THE FCC AND ARRL

The Vice Director of the American Radio Relay League Northwestern Division, Jim Fenstermaker, K9JF, will talk about current happenings in Amateur Radio. Some topics will be the FCC's Broadband on Power Line (BPL) proposal, ARRL's response to BPL, and changes in Amateur Radio rules structure as a result of the recent World Radio Conference. Jim just attended an ARRL Board meeting with Director Milnes, and will provide insight into possible petitions to the FCC for eliminating CW as a license testing requirement.

WEDNESDAY, SEPT 24TH - IS LIFE TOO SHORT FOR QRP?

Rich Patrick, AE7RW, will explain the philoshophy of operating QRP – 5 watts or less on HF. He will present information about equipment availability, various operating modes, organizations that exist to promote QRP, and awards, operating events, and contests for QRP operators. He will explain some of the goals of QRPers, such as record setting achievements for miles per watt, and operating from unique locations. After the presentation, Rich will hold a drawing for a free QRP keyer kit available for a ham seriously interested in CW QRP and kit building.

WHAT DO YOU DO WITH A RUBBER DUCKY

by Rich N7ANF



Boy it's been a busy Month. We've been to Portland on Amtrak With the grand kids. Then later to Mount. St Helens with a bus full of retired IBEW members. I recommend you find a tour group or drive down, it's worth the money and time. It will blow you away, although not quite like it did Harry Truman.

Hey I think I found the cause of me not getting into the W7DK 440 repeater. My friend Danny W7TEL got a nice used SWR bridge from our flee market, so we opened it up and it looks like it goes way up above 500 MHz and we checked my duel-band out with it. I found I had no output on UHF. Well that sure explains a few things, like not bringing up repeaters. I suppose trying to transmit into a two meter antenna a few too many times (of course by accident you understand) would do a number on the output transistor. So I guess it's off to the radio doctor.

And speaking of the flee market. Were you able to catch the demo. tables. I was over on the right making a silly fool of my self . (I had a little help from Worth W7WG, but most of it was my fault). Every thing was going fine till My old two meter rig started shutting off. With no out put you have no demo. So we started lighting up neon lights on HF (this time with allot of help from Worth). We were ok till we started drawing arcs off a big coil he brought, which was much fun until we found we were wiping out the PA system. Well, we all had allot fun any way, with a 'fair' turn out. Have fun and make new friends with lots of RFI. That way you get to meet all your neighbors sort of like a block watch party. So instead of "that darn drug house", its "that darn HAM". Been there done that.

So see you next month....Rich....N7ANF

Radio Classes Offered

The next no-code Technician Class will be held Sat. & Sun. May 3rd & 4th at the clubhouse.

Anyone interested in the no-code Technician licensing classes should contact Jerry W7BUN at 253-845-7652 or w7bun@wa.net for information. The no-code tech classes have been filling up so if you, or someone you know, wants to take the class, encourage them to contact W7BUN to be sure to get in the next available class.

We GotOnTheAir by Ed Root, KC7OKS

Well Field Day 2003 has come and passed. The reports are in and we seem to have done pretty well. Propagation was a problem but it affected everybody.

When it comes to bragging rights I think that our GOTA station probably comes out on the top. In 2002 we had a few operators and about 40 contacts. This year we had 16 operators, mostly new Technician HAMS and a couple of non licensed operators. We always had one Amateur Extra on duty as the control operator and sometimes had two or more. We had 180 contacts on at least four different HF bands. . This was more than four times the number of contacts made in 2002. Who else did four times better than last year? The operators worked the radio and also practiced logging. We pushed them to learn how it was in a contest and some of the things they needed to do in making many contacts. We also let them have fun, as we did also.

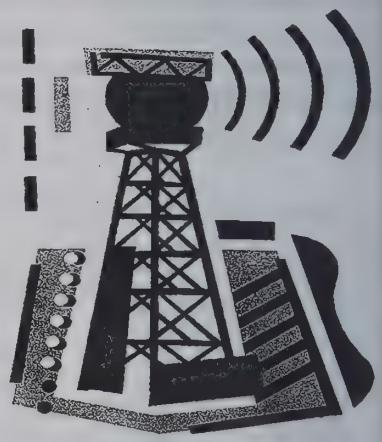
We had a Icom 706 as our radio and used a long wire with an automatic tuner for multiple band coverage. Our goal was to get them on the air and not fiddle with tuning antennas. They did have to work the radio though and used our club Antique station call W7OS. We were fortunate in having the call recognized by several people we worked. They commented that it was really nice to hear Doc Spike's call on the air again.

What about next year? Well we are already making some plans. One area we would like to improve is in the antenna. Although it worked well for us we would like to be able to be more directive. Maybe we could come up with a rotating long wire? It is frustrating to have stations that just can't hear you. We also would like to have more commitment from operators, maybe a sign up sheet, so we don't have to shut the station down in the wee hours as we did this year

It was fun and I would like to thank all the brave souls who came and operated and put up with us. 73, Ed.

W7DK calls for contesters

Contesting with W7DK at the Clubhouse:
Club goal is 100 DX qsl cards to decorate the clubhouse wall!
Organize a contesting party at the Clubhouse - contact John AC7LK for info.



Mini-Swap Meet at the Clubhouse

Last Saturday of each month Mini Swap Meet at the Clubhouse ... 10 a.m. to 2 p.m.....There will be food (hot dogs, etc.) ...Bring in your items you want to swap or sell or stop by to see what others bring.

ARRL RCT VE Team Report

by Shirley Murphy, N7QHW

August VE testing consisted of three test sessions and again, a very quiet month for testing.

Twelve people tested in the month of August. Out of the 12 people, 3 people achieved a new license, 6 people achieved an upgrade, 1 person passed the requested element but did not upgrade and the remaining 2 persons were not successful in passing the requested test element.

Overall, there were 11 test elements given. 9 were passing and 2 failure for a percentage rate of 82% passing.

Achievements included 3 Technician Class license, 1 Tech with HF, and 5 General Class license (2 of these were paper upgrades).

Congratulations are extended to Radio Club Member Lou Metz, KC7VUM, Technician w/HF; Stephen Morton, KD7QYT, General Class and Steven Blacksten, KD7UBE, General Class.

Thanks to the VE Team members who helped make the testing session run so smoothly. It is very much appreciated and couldn't be done without you. Keep up the good work and next month I'll raise your salary for sure.

73, Shirley, N7QHW
Radio Club of Tacoma VE Team Liaison

PINOCHLE & POTLUCK

See you at the clubhouse Saturday Sept 6, 7:00 P.M.

For more info call: 253-759-4898

Jack, WA7ENB & Marilyn Moore

Pacific NW Hamfests

September 27, 2003. Hamfest 2003. New University High School, Spokane, WA 99206. Spokanehamfest@yahoo.com.

September 28, 2003. (Sunday) Langley ARA Radio and Computer Swap Meet. Aldergrove Elks Hall, 27309 Fraser Hwy., Aldergrove, BC. Tables $15.00 General Admission $3.00. (All prices Canadian!) Please note, 1 helper per table only. Talk In 147.380+. Sellers 9:00, AM Buyers 10:00 AM to 1:00 PM. Contact Wayne Muster (604)556-7810 VE7CKY@rac.ca or Larry Thompson (604)539-2489 VE7LGT@mailcity.com. Visit the LARA WEB Site at http://www.langleyamateurradio.com/

September 2003. Chehalis Valley ARS Hamfest. Chehalis, WA. Southwest Washington Fairgrounds, Centralia, WA. www.cvars.org

October 11, 2003. North Kitsap Amateur Radio Club Hamfair. Silverdale, WA. 9:00 am to 3:00 pm. This is another of my favorites. The hall is large and easy to get to, and there is great RV parking on the grounds. http://nkarc.home.donobi.net . For information, contact Ron Sefton ronsefton@hotmail.com or Horace Ory: ory001@attbi.com. Flyer in PDF.

October 25, 2003. Swap-Toberfest, Polk County Fairgrounds, Rickreall, Oregon. (Ten miles west of Salem). This is a big one and a good one! There is excellent RV space with water/electric hook-ups in the parking lot. For information, contact n7bud@arrl.net . Link to Flyer.

November 8, 2003. Mount Baker Amateur Radio Club Flea Market, Bellingham, WA. http://www.qsl.net/k7skw/fleamarket.htm . Info, contact k7iey@netscape.net . Flyer in PDF.

Information copied from the website of N7CFO.

Scout Merit Badge Program Completed by John Robson AC7LK

The RCT completed a five week Merit Badge program conducted at Camp Hahobus on the Olympic Peninsula in July and August,2003. Scouts from the local area and as far away as California completed the program. The BSA Radio Merit Badge focuses on the physics of radio, both in theory and in practical applications. The boys learn the fundamental concepts of the nature of Electro-magnetic radiation, circuits and components. Practical experience is supplied by the actual assembly and operation of a station. Many of us heard the boys on the air from the camp making contacts around the world through our repeater in Tacoma. The final tally is not in, but we know that more than 100 Badges were earned.

Special thanks are due all of the members of our club who gave of their time to make this possible. The station's equipment and antennas were club property and all of the instructors came from our membership.

We all learned a lot from this years program and we will make it even better next year.

73 John AC7LK

CONTESTING AT W7DK

The fall contesting season is upon us and I am trying to Organize a serious effort at the Washington State Salmon Run which will occur on September 20 and 21 2003. At this time it looks like Judd, KD7QYU and Rich, AE7RW will co-chair the event. The idea is to involve as many of the newer members as possible as well as to encourage the more experienced among us into mentoring.

While all of the frantic operating is taking place, I will be assisting in other projects including completion of QSL cards and completion of the baseboard molding in the classroom.

Also Steve, KD7QYT and I are getting serious in an effort to catch some salmon and if we are successful there will be salmon being cooked for dinner in a smoker in the yard. Corn on-the-cob and cole slaw would be a good addition to dinner, and this is a solicitation for those, and other, items.

We will be talking this up. Make plans to join in and share in the fun.

73 John AC7LK

****

Every Saturday the Clubhouse is open from 10 a.m. to 2 p.m.

TECHNICAL HELP by Dave Funk WA7RSO

RC Time Constants: Part 2

Rising Voltage Charge across the Capacitor:

To begin with, taking advantage of "a picture is worth a thousand words", let's see just how easy it is to make a basic chart that will show us how this all works. Take a look at the basic "TC Grid", and keep it handy for the following discussions, and then we'll see just how easy it is to use this plot to gain very important information for those Time-Constants.

As we start to put information points on this chart, here is what they represent. We have a fully discharged capacitor (Ec=0V) that is placed in series with a resistance and a voltage source.

What we will discover is that the capacitor charges at a non-uniform rate, and that more specifically, there are points in time (called Time Constants) where the rate of voltage charge across the capacitor will diminish as time goes on. Theoretically, the capacitor really never gets fully charged!

What we will find is that at the ***1st Time Constant***, the voltage across the capacitor will charge to 63.2% of the maximum voltage provided by the source. Let's assume a source of 100VDC, which would give us a capacitor charge of 63.2V. Note that the remaining voltage, which is the difference between that across the capacitor and the source voltage is 36.8V (100V-63.2V).

Special Note: The actual figure is a little above 63.2%, as actually 63.21206%, which accounts for the apparent number discrepancies you will find below. To plot the correct values use the values shown.

Next we will find that at the ***2nd Time Constant***, the voltage across the capacitor will charge to 63.2% of the remaining voltage (that 36.8V), and above the existing charged voltage(63.2V). We find that this is therefore 63.2% of that 36.8V, which will give us 23.26V to add on to the currently existing 63.2V to give us a new voltage across the capacitor of **86.7V**. We would calculate our remaining voltage as 13.5V.

Next we will find that at the ***3rd Time Constant***, the voltage across the capacitor will charge to 63.2% of the remaining voltage (that 13.5V), and above the existing charged voltage(86.7V). We find that this is therefore 63.2% of that 13.5V, which will give us 8.5V to add on to the currently existing 86.7V to give us a new voltage across the capacitor of 95.0V. We would calculate our remaining voltage as 4.98V.

Next we will find that at the ***4th Time Constant***, the voltage across the capacitor will charge to 63.2% of the remaining voltage (that 4.98V), and above the existing charged voltage(95.0V). We find that this is therefore 63.2% of that 4.98V, which will give us 3.14V to add on to the currently existing 95.0V to give us a new voltage across the capacitor of 98.14V. We would calculate our remaining voltage as 1.83V.

Finally we will find that at the ***5t Time Constant***, the voltage acro the capacitor will charge to 63.2 of the remaining voltage (that 1.83V), and above the existing charged voltage(98.14V). We fin that this is therefore 63.2% of tha 1.83V, which will give us 1.16V add on to the currently existing 98.14V to give us a new voltage across the capacitor of 99.33V. W would calculate our remaining vo age as 0.67V.

Now, if you happen to have a "French Curve" or such variable curve drawing tool (actually, you could just about free hand it), you can draw in an approximation of this curve, at least close enough t show the ideas that we want to pr sent.

These facts should be apparent:

1. The charge across the Capacito will get closer and closer to the 100% mark, but as you can see: 63.2% of what's left, and 63.2% o what's left .....never really gets there. Folks simply tell you that af ter 10 of these Time-Constant time frames, who will actually know ju how close we might be. It's like be ing told to go half way to the wall, and then half way to the wall, and half-way to the wall ... when will your nose touch the wall??

2. The growing charge across the capacitor is definitely not linear with time.

3. Note especially that the voltage

(continued on page 12)

(continued from page 11)
increase at the very beginning is very rapid, and then gradually slows down as the voltage begins to reach its maximum value.
4. Notice that nothing has been said about how much time is involved! That is because this principle is consistent, regardless of the actual time involved.
5. Now is when it's proper to say that the element of time is related to the value of the series resistance and the value of capacitance as a simple product of the two. I.e. a resistance of 100Kohms and a capacitance of 10microfarads will give us a product of 1.0, which represents a time factor of simply 1 second per Time-Constant.
6. With these values in mind and looking at the chart we just drew out, that simply means that in 1 second the charge across the capacitance will reach 63.2% of the source voltage, and that in about 3 seconds it will reach 95% of the source voltage. Simple after all, isn't it?

Falling Charging Current of the Capacitor:

An equally important consideration is that as the voltage across the capacitor rises, the current demand will diminish in the same logarithmic fashion, following the same curve, except that it is inverted, in that it starts out very high, rapidly diminishing at first, and then diminishing less and less as time progresses.

To help understand a couple of key issues here, we need to grasp an often overlooked feature. Where it's easy to see that the voltage across the capacitor is initially zero when we begin the charge, most of us fail to realize that this same capacitor is initially a dead short. This dead short will of course demand the maximum amount of current that the source can supply through the series resistance for this very first instant.
As time progresses, and the voltage charge across the capacitor rises toward the 100% mark, the current demand diminishes toward 0% from the 100% point (intentionally redundant with an earlier statement).

ELMER BOARD

Do you need help with some area in ham radio? Here is a place to start… First is the listing of areas of support, followed by a list of members' areas of interest.

1.Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment
12. IRLP

Name/Call Sign /Phone Number/ Help with topic

Jerry, W7BUN 253-845-7652: 1,4,6,9,10

Alan, KB7SVU 253-840-4947: 4,5,10

Frank, AB7YZ 253-752-8520 : 2,3

Roger, WA7ANJ 253-475– 4293: 1,2,3,4,7,8,11

Angela, KC7EQ : 2

John, AC7LK 253-984-6709: 3, 4, 8,10,12

Mick, KK7QS 253-847-8223 : 12

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the Elmer Board!

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please contact Jill Palmer, K7JIL, 253-539-7772 or e-mail hamtalker2@msn.com



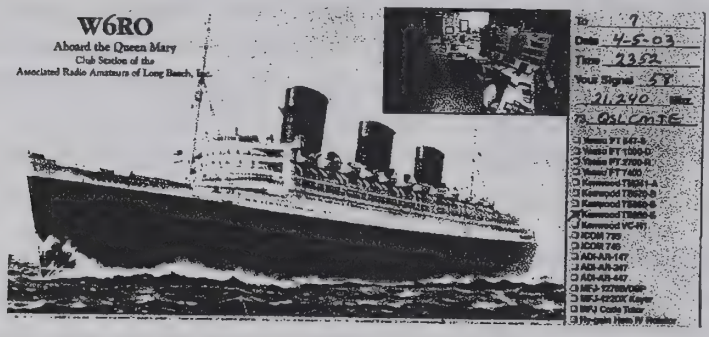
Weekend classes will resume at the clubhouse
October 11TH & 12TH

Contact Jerry W7BUN for details.

253-845-7652 or w7bun@wa.net

QSL Card of the Month

Submitted by Rich AE7RW



Queen Mary – Past and Present (from the back of the QSL card)

The most luxurious ocean liner ever to sail the Atlantic, the Queen Mary is a piece of floating history. She played hostess to the rich and famous during the late 1930's, transported more than 800,000 servicemen during WW II as the legendary "Grey Ghost" and served as a means of transportation for a bevy of European war brides coming hoe to America and Canada before resuming her status as a luxury liner. Today the Queen Mary is an elegant hotel, meeting place and family attraction on the water in Long Beach, CA. In 1993, she was honored with inclusion on the National Register of Historic Places.

Requested by the Associated Radio Amateurs of Long Beach and the City of Long Beach, GB5QM is the only amateur radio station ever licensed for operation aboard the Queen Mary, and the first time Americans were licensed to operate an amateur radio station aboard a British ship. Operation of the reconstructed Wireless Room by the Associated Radio Amateurs of Long Beach, in cooperation with amateurs from the local area amateur radio clubs, was officially started on April 22, 1979.

RADIO CLUB OF TACOMA 147.28 MHZ

TUESDAY EVENING NET CHECK INS JULY 2003

CALL SIGN, # OF CHECK INS, NAME

NET CONTROL STATIONS:

JULY 1 WG7X	JULY 22 K7BUD
JULY 8 KA7IOX	JULY29 WYBUN
JULY 15 K7BUD	

N1VO	2	BOB	KC7JPJ	1	BRUCE	KK7QW	1	PETE	KD7TQX	5	ADAM
KD6ILO	1	MARIO	AC7JY	2	FRANK	KD7QYS	4	TROY	N7TQZ	1	DENNIS
W6NBD	3	MAC	KD7KPY	1	KEITH	KD7QYT	3	STEVE	KD7TRA	5	RANDY
W6PWR	3	DICK	KD7KPZ	1	DANA	KD7QYU	4	JUD	KD7UAA	3	BOB
KD7AAG	2	MARK	KB7KSY	2	EDITH	KD7RKV	1	KYLE	KD7UBE	2	STEVE
WB7AKE	1	KERRY	AC7LK	5	JOHN	KD7RNJ	2	RICK	KD7UBI	3	DAVID
WB7AUJ	1	DAVID	W7LKG	1	RICK	K7ROL	4	CAROL	N7UFB	3	RICK
KJ7BN	3	MARILYN	WB7LKI	1	STEVEN	W7RQ	1	JOE	AC7UJ	2	PAUL
K7BUD	4	BUD	KD7MVG	1	RAY	W7RW	4	ANDY	KD7UYN	3	DEBBIE
W7BUN	5	JERRY	KD7NES	5	GWEN	AE7RW	4	RICH	N7VPB	1	JOANN
W7DON	3	DON	KD7NUV	5	MICKEY	W7SFO	1	RYAN	KD7VYL	1	LUPE
W7EC	3	HAL	WA7OHG	5	WADE	W7SKI	3	BOB	KC7VUM	4	LOU
W7EG	3	BOB	KC7OKS	5	ED	KD7SQR	4	DOUG	W7WG	2	WORTH
KC7EQ	1	ANGELA	KB7QAG	5	JEFF	KB7SVX	2	JEAN	AB7WJ	3	BILL
KB7IHB	1	BILL	KD7QBF	1	MIKE	KD7SXU	5	GARY	AC7WW	4	JOHN
W7IMW	2	JACK	N7QHW	4	SHIRLEY	KD7SXX	2	CATHY	WG7X	3	GARY
KA7IOX	5	SCOTT	N7QHX	4	TOM	KD7SXZ	4	RODDNEY	KBYZDR	2	MICHAEL
K7ITX	5	DICK	AC7QN	2	CHUCK	KD7TJE	1	JIM	W9BYH	4	BILL
K7JIL	2	JILL	N7QOZ	3	BOB	KD7TQT	1	MIKE			
KC7JME	4	NORA	W7QRS	1	ROBB	KD7TQW	1	LARRY	* * * * * * *		

HELP FOR THOSE DIFFICULT LICENSE EXAMS!

FREE UPGRADE COURSE

FOR THE

GENERAL AND EXTRA CLASS AMATEUR RADIO LICENSE

General Class Starts – October, 2003

Amateur Extra Class Starts – October, 2003

Call for starting Date

Classes - 7:00 to 9:30 PM

12306 80th Ave. East, Puyallup

(South Hill)

Sponsored by:

The Radio Club of Tacoma

To Register, Call:

Jerry Seligman, W7BUN - 253-845-7652

NEW MEMBERSHIPS: WELCOME!

MEMBERSHIP CHANGES FOR SEPTEMBER, 2003

NEW MEMBER:

John Bittinger, KI7GW
1116 5th St. NE
Auburn, WA 98002-4447
253-833-6058

REINSTATEMENTS:

Len Goodwin, WA7HHI
P. O. Box 233
Roy, WA 98580
253-843-9780

ADDITIONS / CORRECTIONS TO 2003 CLUB ROSTER:

Wade Palmer, WA7OHG
2118 S. Union Ave. Apt B8
Tacoma, WA 98405-1031
243-759-6528

David Schattilly, KD7UBI
P. O. Box 44899
Tacoma, WA 98444-0899
253-272-7866

Louis Iverson, W7ENR
1835 Circle Lane SE # 408
Lacey, WA 98503-2576
360-438-5297

George Wood, KA7HGE
16431 137th Ave. East
Puyallup, WA 98374
360-893-4098

Mark O'Haleck, KD7NEV
6829 S. Oakes St.
Tacoma, WA 98409
253-474-1396

Andrew Evancho II, WA7JGO
922 S. Mountain View Dr.
Tacoma, WA 98465-1109
253-565-9744

John Currie, W7ARK
615 N. Orchard, Apt. 1
Tacoma, WA 98406-3040
253-752-0236

Welcome to All New Members!

We hope you enjoy your affiliation with the Radio Club of Tacoma and will invite your friends to join us.

Please stop by the Clubhouse on Saturday mornings and come to the club meetings and events so we can all get to know you better.

Again, welcome - we're glad you're here!

Challenge of The Month for August

Will a fan capable of moving air through an amplifier's cooling system at a rate of one cubic meter per minute be able to cool an amplifier tube that needs 25 cubic feet per minute?

ANSWER:
Yes – one cubic meter equals 35.3 cubic feet.

Check in to the Tuesday evening Net at 7:30p.m. on 147.28 (the W7DK repeater) for the latest news and announcements from the club!

REPLY COMMENTS TO FCC NOTICE OF INQUIRY (NOI) 03-104

The Radio Club of Tacoma, Washington, submits the following reply comments in the matter of NOI 03-104.

COMMENTS BY AMERICAN PUBLIC POWER ASSOCIATION

COMMENT: APPA first comments that interference is not a factor. Then it says the burden should be imposed on challengers of BPL to demonstrate that interference is a fact-based, empirical proof.

RESPONSE: Interference definitely is a factor. The current testing by the American Radio Relay League proves beyond a doubt that the radiated interference in BPL test areas makes HF reception completely unusable. Japan and many European countries have come to the same conclusion after extensive testing.

COMMENT: Further to the extent that interference is demonstrated, there should be an attempt to accommodate BPL, even if it means that existing communications providers may have to share or transfer bandwidth.

RESPONSE: This is the most arrogant statement in all the comments submitted by proponents of BPL. First is an admission that harmful interference is a distinct possibility, even though in other parts of APPA's comments it claims that there is no interference potential. Then it makes the disdainful statement that all HF users should go somewhere else. There is no other bandwidth other than HF where long distance communications are possible. Radiated interference, proven by current testing, will impact communications by the military, astronomers, emergency and homeland security, short-wave listeners, amateur radio operators and all other HF users.

COMMENTS BY AMERON ENERGY COMMUNICATIONS

COMMENT: AEC urges the FCC not to rely unduly on test models or speculations of interference.

RESPONSE: Actual testing of BPL in the U.S., Europe, and Japan has proven that interference is a fact, not a speculation.

COMMENT: BPL systems do not pose interference to licensed radio users

RESPONSE: Same as above response.

COMMENT: Test conclusions show emissions above Part 15 limits were observed between 2 and 30 MHz within 20 meters of the power line. No _____appreciable emissions were detected beyond 200 meters from the lines.

RESPONSE: Here is an admission that BPL **DOES** cause interference to HF users. The great majority of U. S. residents live within 20 meters of power lines. Emissions in excess of Part 15 limits violate FCC rules and therefore cannot be allowed. As for the 200-meter statement, all houses in the U.S. have power lines leading to them, therefore nobody is free of the proven interference admitted in AEC's comments.

COMMENTS BY CURRENT TECHNOLOGIES

COMMENT: Comments filed with the FCC have most grossly overstated the interference potential of BPL.

RESPONSE: Actual testing has proven the interference potential is extremely high. See http://arrl.org/bpl for audio and visual proof of the actual interference to HF communications in BPL test areas.

COMMENT: BPL emissions are much like other common sources of radiofrequency noise, such as computers and household appliances.

RESPONSE: Emissions from unintended radiators fall under FCC Part 15 rules.

If such emissions cause interference, they are most likely exceeding Part 15 limits. Using these noise sources as a standard for comparison to BPL emissions indicate that CT envisions that BPL will also violate Part 15 emission limits.

COMMENTS BY POWER LINE COMMUNICATIONS ASSOCIATION

COMMENT: The Commission must discount speculative and self-serving comments offered by parties who seek only to hinder the deployment of BPL technology.

RESPONSE: The millions of Americans who use HF for communications are only concerned with the proven interference from BPL that will cause the HF spectrum to become unusable. The FCC is charged by law to protect licensed radio users from conflicting technologies. The comments from users of HF who are extremely concerned about BPL's proven interference are certainly not "self-serving."

COMMENTS FROM UNITED POWER LINE COUNCIL

COMMENT: BPL promotes homeland security.

RESPONSE: UPLC doesn't explain how BPL promotes homeland security. In fact BPL will greatly decrease homeland security by dramatically raising the noise floor of receiving equipment used by stations involved in emergency and disaster communications, which will make such communications impossible.

COMMENT: The UPLC is pleased to respond to FCC's NOI that there has been no interference reported in any of its field trials.

RESPONSE: If this is the case, then the trials were not realistic. Such testing should be done in the neighborhoods of short wave listeners, amateur radio operators, and all other users of HF. Actual field-testing done in the vicinity of HF users show an extremely high level of interference.

Respectfully submitted:
Jerry Seligman, W7BUN
Legal and Regulatory Committee
Radio Club of Tacoma

RADIO CLUB OF TACOMA
PO BOX 11188
TACOMA, WA 98411-0188

[ ] NEW MEMBER (ONE APPLICATION PER MEMBER)

[ ] RENEWAL (ONE RENEWAL FORM PER FAMILY OK)

MEMBER CATEGORY: [ ] FULL [ ] SENIOR [ ] ASSOCIATE [ ] FAMILY [ ] LIFE [ ] STUDENT [ ] REINSTATEMENT

Name_____ Call_____ Class_____ Birthday_____

Address_____City/State_____

Zip+4_____Home Phone(_____)_____ Work Phone(_____)_____

e-mail address_____Publish phone number/e-mail in the Club Roster? Yes [ ] No [ ]

Former Call(s)_____

Are you a Volunteer Examiner ? Yes [ ] No [ ] If Yes, which VEC? ARRL [ ] W5YI [ ] Other [ ]

Occupation (or former occupation)_____

Are you a member of: ARRL [ ] ARES/RACES [ ] MARS [ ]

FAMILY MEMBERS NAME, CALL, AND LICENSE CLASS (RENEWALS ONLY)

_____

_____

_____

THE RADIO CLUB PARTICIPATES AND SUPPORTS THE FOLLOWING ACTIVITIES EACH YEAR. PLEASE MARK THE BOX IN FRONT OF THE ACTIVITY OR ACTIVITIES THAT YOU WILL HELP SUPPORT. WE NEED YOUR HELP AND SUPPORT. PLEASE CONSIDER AT LEAST ONE ACTIVITY THAT WE CAN COUNT ON YOU TO SUPPORT. PLEASE CHECK THE FIRST BOX IF YOU ARE EXPERIENCED OR ALREADY INVOLVED. CHECK SECOND BOX IF YOU WOULD LIKE TO LEARN MORE ABOUT THIS).

[ ][ ] DIGITAL COMMUNICATIONs	[ ][ ] VE TEAM	[ ][ ] EMERGENCY COMMUNICATIONS
[ ][ ] FIELD DAY	[ ][ ] PUBLIC RELATIONS	[ ][ ] CLUB NEWSLETTER
[ ][ ] ANNUAL FLEA MARKET	[ ][ ] TEACHING CLASSES	[ ][ ] CONTESTS
[ ]{] BOOTH AT THE WWA FAIR	[ ][ ] ANTIQUE RADIOS	[ ][ ] VHF/UHF
[ ][ ] WORKING WITH YOUTH GROUPS	[ ][ ] DX	[ ][ ] EXPERIMENTATION

Other hobbies, interests, skills:_____

Club badges are available for $9.00. If you would like a badge, please PRINT the following:

Badge Name_____ Badge Call Sign_____

Applicant's Signature_____ Date_____

ANNUAL MEMBERSHIP DUES: FULL OR ASSOCIATE MEMBER $30
FAMILY MEMBER (AT SAME ADDRESS, FIRST TWO) $15 EACH (ALL ABOVE 2 ARE FREE)
SENIOR MEMBER (65 AND OVER) $25 FULL-TIME STUDENT (UP TO AGE 25) $15
LIFE MEMBERSHIP = 20 TIMES ANNUAL DUES (PAYMENT PLAN AVAILABLE)

Seven dollars ($7.00) of your annual dues is for the Club's monthly newsletter (The Logger's Bark)

FOR RCT USE ONLY

Dues received $_____ Treasurer's initials_____ Date_____

Badge fee rcvd $_____ Treasurer's initials_____ Dat_____

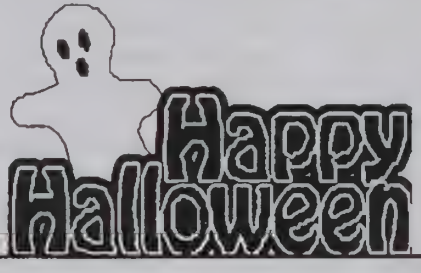
Receipt Number_____ Radio of Tacoma Membership Number_____

THE LOGGER'S BARK
Radio Club of Tacoma, Inc.
P.O. Box 11188
Tacoma, WA 98411

NON PROFIT ORG.
U.S. POSTAGE PAID
TACOMA, WA
PERMIT NO. 1078

RETURN SERVICE REQUESTED

October, 2003 EVENTS



OCT 1- Board Meeting, 7:30 p.m. Clubhouse - All members welcome

OCT 4– Pinochle Potluck 7:00 p.m. Clubhouse

OCT 7– License Testing - 7 PM, Clubhouse

OCT 8- Club Meeting - Library Administration Center, 7:30 PM

Program: Extreme Wireless

OCT 20- BARK deadline - PLEASE *please* get articles, columns, etc. in by that time!

OCT. 22- Club Meeting - Library Administration Center, 7:30 PM

Program: Restoring and repairing old radios

- Support OUR club - Attend meetings, volunteer, elmer.
- Check in to the 2-meter Net every Tuesday night at 7:30, on 147.28. Hear additional information on programs and other events.
- *Check in on the 10 Meter Net every Sunday evening, 8 PM, on 28.375 MHz USB*
- See page 8 for meeting program schedule. Check the weekly net for updates to the program schedule.
- YLs - Check in to the YL Net on the 147.28 repeater every Monday at 8 PM.

W7DK October 2003 EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 *RCT BOARD MEETING 7:30 PM* *BILL WATSON W9BYH*	2 *LATTY SMITH KD7RKX*	3	4 *OPEN HOUSE 9AM-2PM* *Pinochle Potluck 7:00 p.m. Club-house* Oceana DX contest, phone California QSO Party
5 *10 METER NET 8 PM* Oceana DX contest, phone California QSO Party *DAVE FUNK WA7RSO*	6	7 *147.28 NET 7:30 PM* VE LICENE TESTING 7:00 P.M. CLUBHOUSE *GEOFF HOWELL KD7QBC*	8 *RCT CLUB MEETING*	9	10 Oceana DX Contest, CW	11 *OPEN HOUSE 9AM-2PM* No-code Tech Class, clubhouse Pennsylvania QSO Party Oceana DX Contest, CW *DEL CHASE KB7PKI*
12 *10 METER NET 8 PM* No-code Tech Class, clubhouse Pennsylvania QSO Party	13 *HERB WESTON KC7BAA*	14 *47.28 NET 7:30 PM* *ETHEL DEVISH W7WLX* *JESSICA PALMER KC7ZWM* *MILTON LOFLIN KD7GUD*	15	16	17 *SUSAN BALDWIN KC7AVX* *THOMAS SADLEY KC7UFX*	18 *OPEN HOUSE 9AM-2PM* *JILL PALMER K7JIL*
19 *10 METER NET 8 PM* Illinois QSO Party *ROGER TERWILLIGER WAYANJ*	20 Illinois QSO Party *HARVEY BISHOP W7RMI*	21 *147.28 NET 7:30 PM* *GAIL WOLVIN KBYUON*	22 *RCT CLUB MEETING* *DAWN PIER KC7VZM*	23 *RAYMOND PIER KD7TQP*	24 *JEAN TREALOAR KB7SVX*	25 *OPEN HOUSE /MINI FLEA MARKET 9AM-2PM* CQ Worldwide DX contest/SSB *KERMIT THOMPSON W7PMR*
26 *10 METER NET 8 PM* CQ Worldwide DX contest/SSB	27	28 *147.28 NET 7:30 PM*	29	30	31 	1 (NOVEMBER) *OPEN HOUSE 9-2*
2 (NOVEMBER0	3 (NOVEMBER)	4 (NOVEMBER)	5 (NOVEMBER)	6 (NOVEMBER(	7 (NOVEMBER)	8 (NOVEMBER) *OPEN HOUSE 9-2*

HAPPY BIRTHDAY CLUB MEMBERS

radio club of tacoma W7DK

THE LOGGER'S BARK

SPECIAL SERVICE CLUB

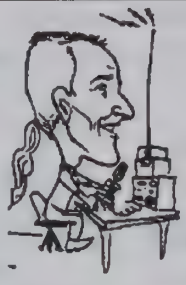
VOL. XXXX NR. 10 W7DK October, 2003

News Briefs:

- Scouts earn merit badges at Camp Hahobas. Page 7
- Hams hike to Dege Peak to contest. Page 10
- AARL log book of the world "open for business." Page 16

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FROM THE PRESIDENT, MICK KK7QS

Well here we are again. We have just finished doing the Puyallup Fair. If you were not able to stop by our booth you missed out on seeing the wonderful display prepared by Kathleen Nace N0EYK and Shirley Murphy N7QHW. All this was put together with the help of Dick (W6PWR) and Edith (KB7KSY) Strong and Roger Nace K8RN. I got to work two shifts at the booth with my wife Dawn, KC7VZM. We really enjoyed it. I hope you had the opportunity also. I think we touched a few people and that makes it all worth it.

Clubhouse gets gravel, molding, and paint.

The clubhouse has been in the process of getting a little face lift you might say. As you know we have recently had new carpet put in. On Saturday and Sunday September 20 and 21 we had a little contesting going on at the club station. It was the Washington Salmon Run QSO contest. We had BBQ salmon along with a lot of radio fun. While some were busy on the radio making contacts others were busy with the ongoing face lift. We have had the lot on the side of the clubhouse covered with gravel for parking. The molding around the floor has been painted and put back in place. The garage has also received a new coat of paint. Things are starting to really look up around the clubhouse. This will be a lot nicer for visitors and students for our tech classes. It was kind of a mess trying to find a place to park when it got wet out. We have also added some posts and a chain between the garage and tower so we can close off the front entry to the side lot. This should keep the neighbors from using our lot to store all their surplus vehicles. Roddney, KD7SXZ did a very good job of putting the crew together to get all these tasks done. Alan, KB7SVU brought in his tractor and spread the gravel for us. Thanks Alan, you sure saved us a lot of raking.
"73" de KK7QS



Check in to the Tuesday evening Net at 7:30p.m. on 147.28 (the W7DK repeater) for the latest news and announcements from the club!

CONTEST UNIVERSITY

SCHEDULED FOR OCTOBER

The last weekend of October is the CQ Magazine sponsored Worldwide DX Contest. In conjunction with this contest, the club will be sponsoring a seminar on the basics of contesting presented by Chip Margelli, K7JA. Chip is one of the most skillful contest operators in the country. He is currently a Vice President at Yaesu, and has been on many DXpeditions to rare countries, and operated at some of the most prestigious contest stations in the world. Chip grew up in Tacoma and was licensed at age 13 as K7VPF. He was a member of the Radio Club of Tacoma until he moved out of town. After the seminar, participants will practice what was learned by contacting DX stations on the air in a casual operation in the DX contest. Registration would be appreciated to gauge the interest in Chip's presentation. Contact Jerry, W7BUN, at 253-845-7652 or w7bun@wa.net.

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Announcements

"Amateur Extra" class starts Oct 2nd.

"General" class sign up now being taken, there is room for 2 more students. Class will be scheduled soon.

"No-code Tech" Classes will be held at the clubhouse on Oct 11-12.

Contact Jerry W7BUN for details on all classes @ 253-845-7652 or w7bun@wa.net.

Gravel has been put down in the side yard at the clubhouse for parking.

RCT VE TESTING

EVERY SECOND TUESDAY OF THE MONTH

AT THE CLUBHOUSE AT 7 P.M.

CLUB MEETINGS: 7:30 PM 2nd & 4th Wednesdays of each month at the Pierce County Library Administration Building, 3005 - 112th Street East, Tacoma, WA

W7DK/Radio Club of Tacoma

147.28 / .88 MHz (PL 103.5)

147.38 / .98 MHz (PL 103.5)

144.97 - Packet

440.625 / 445.625 (PL 103.5)

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 253-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles & advertising to thebark@comcast.net or mail to Dawn Pier, kc7vzm, 308 118th Ave. Ct. E., Edgewood, WA 98372. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. *The Logger's Bark* does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in *The Logger's Bark* if credit lin included in the report.

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The Radio Club of Tacoma is a non profit organization as defined law, and all proceeds will be used exclusively for charitable and e cational purposes.

Radio Club of Tacoma Meeting Minutes

Radio Club of Tacoma General Membership Meeting September 10, 2003

Meeting opened at 1934 hours with the Flag Salute led by Mick, KK7QS.

Introductions were made around the room.

Illness or Silent Key: None reported.

Correspondence: Phone bill, tax statement, Comcast bill (already paid), membership renewal, bulk mail permit renewal, newsletters, address corrections, and ads.

Treasurers Report: Will be in the next Bark. Copies available upfront.

Program: Jim Fenstermaker, K9JF, from the ARRL, came up from Vancouver, WA to update us on what's happening. Some areas covered were the status of Broadband Over Power Lines, BPL. It will have a very bad effect on HAM radio. He also spoke about the code requirements and how some countries have done away with the requirement.

Announcements: Jerry, W7BUN, announced the upcoming classes, the Salmon Run contest, and the next program, QRP. John, AC7LK,said that the Long Range Planning Committee will be meeting soon, and that there will be a work party at the club house in conjunction with the Salmon Run operating event. Dick, W6PWR, gave some hints on working the Hobby Hall booth at the fair. Micky, KD7NUV, announced an upcoming emergency drill on the 28 and 64 repeaters on Tuesday 9-16. Dave, WA7RSO, brought some charts on inductance and reactance. Frank, AC7JY, announced that the Hamfest was a great success. Steve, KD7UBE, will conduct a beginners code class at the club house on the second Saturday of October. Dave, KD7UBI, told us of the increased cost of vanity call signs.

Tuning and Traffic: Dave reported that there was a little improvement on 80 meters in the afternoon. Jean, KB7SVX, reported that the fair booth was able to get into the noon 40 meter net. Worth, W7WG, reported that the hikers made several contacts from Mt. Rainier near Sunrise. (QRP)

Drawing: Plastic coated map of Puget Sound was won by Worth, W7WG. 50/50 drawing of $46 was won by Chuck, AC7QN.

Number signed in as present was 49

Adjourned at 2048.

****

Radio Club of Tacoma

Treasurer's report for August 2003

Treasurer: Chuck Kemmer AC7QN

Income:

Badges	$ 36.00
Books	146.00
Cash donation	37.25
Equipment sales	202.00
Field day donations	12.25
Membership (dues)	567.50
Total	**$1001.00**

Expenses:

Badge	$22.85
Books	167.23
Cake (Geo. Noble – KK7FM)	20.99
Click (DSL/ISP)	186.77
Comcast (final)	58.35
Field day	2.46
Grass killer (parking area)	145.54
Membership committee exp	11.65
Picnic W7DK at the beach	131.04
Postage	69.06
Repeater 440	12.00
Tower maint (stanchions)	218.21
Total:	**$1646.15**

Net (loss) **$645.15**

ARRL RCT VE Team Report

September VE testing consisted of one test session and again, a very quiet month for testing. Ten people tested in the month of August. Out of the 10 people, 2 people achieved a new license, 5 people achieved an upgrade, 1 person passed the requested element but did not upgrade and the remaining 3 persons were not successful in passing the requested test element. Overall, there were 10 test elements given. 6 were passing and 4 failure for a percentage rate of 60% passing. Achievements included 2 Technician Class license, 4 General Class license (1 of these was a paper upgrades) and 1 Extra Class.

Congratulations are extended to Radio Club Member Stephen Morton, KD7QYT, Extra Class.
Thanks to the VE Team members who helped make the testing session run so smoothly. It is very much appreciated and couldn't be done without you. Keep up the good work and next month I'll give you a day off.

73, Shirley, N7QHW, Radio Club of Tacoma VE Team Liaison

PINOCHLE & POTLUCK

See you at the clubhouse Saturday October 4th, 7:00 P.M.

For more info call: 253-759-4898

Jack, WA7ENB & Marilyn Moore



Museum Musings by Worth W7WG

Forward to the Past: Amateur Radio during the Last Century

I had not visited the RCT Clubhouse for several months due to a few minor conflicts like a bypass, its subsequent rehab, and the wonderful, outstanding life-experiences of participating as an invited guest on the Rich AE7RW hiking/radio adventures near Mt. Rainier on the Sunrise side. Those amateur radio - mountaineering (actually, hiking) trips are described very interestingly elsewhere in this BARK and shown in Rich's digital photos.

Originally intending to just visit the Clubhouse to share some of John's Salmon Run salmon, so very dietetically correct. Then justify it by operating enough to bring in some non-alcoholic Whiskey Group contacts. I changed plans to visit the Clubhouse around 11 in order to meet Morel, W6LIX, as in the "good old days". What a pleasant surprise! Instead of an old, grubby house containing a very few aging doughnut and coffee consuming gossips of bygone years, according to a Tribune article two or three years ago, enthusiastic members were painting, wall washing, hole digging, Salmon Running, and carpentering. Michael ZDR was neatly organizing the de-junked store room out in the "garage." Should Bart Ripp revisit the Clubhouse with its new carpet and new spirit, he would give it a delicious four stars. Really amazing!!

In the busy warm sunshine Morel and I reminisced about our mid-week Museum activities of yore, but we were sorry about the long absence from the Museum of some of the oldest artifacts. Still remaining were the components of the spark and arc transmitter, the commercial receiver made in the midwest or east coast, consisting of a sturdy wooden case full of beautifully manufactured, tunable coils, but no detector, no tubes, no galena crystal dated 1918.

Long missing had been the other oldest operational artifacts which, we thought, had been operated properly, but not overloaded. Within a short period of time they had to be sent to specialized repair facilities. Even Michael could not repair them. All three were manufactured in California. One 1918 artifact had four tubes added to the circuit. The 1920 museum item, although manufactured in California, was of French design and so a "valve" instead of a tube was replaced or installed. Unfortunately, the oldest (1917) California-made museum artifact had sustained serious circuit damage and could not be returned to its once highly efficient, full functionality.

Back in late March and early April from my hospital bed, peering out of the huge oval windows, high above Tacoma, I dreamed of once again being able to hike along beautiful mountain trails with constant views of snow-capped peaks. I dreamed of operating high in the mountains a small, light HF station with antenna wires stretched across ravines from rock to rock. Thanks to surgeons, rehab nurses, XYL Marian, and Rich AE7RW, those dreams merged and were more than realized the past two weekends. Now, I dream that once again the Old Oak Rig will send its melodious, chirpy, cw signals all the way to Hal W7EC in Puyallup and even beyond. Of course, it would be using the impressive reminder of historic amateur radio, the "Double Zepp" center-fed 80 meter dipole, with its highly efficient dowel-spaced ladder-line held high by the tower, and operated under the Museum's historic call, the late Doc Spike's W7OS.

Under these cloudless, bright blue skies everything seems possible.



Can you guess which one is Worth W7WG? How about Mac W6NBD?

ARES/RACES BY SHIRLEY MURPHY, N7QHW

Mark Yordy, W7BBO, District Emergency Coordinator/ RACES Radio Officer is to be open to any and all ideas from anyone on how you feel ARES can best be promoted in Pierce County. Contact him via email at w7bbo@juno.com.

Coming activities include a SET exercise by Medical Services on October 4, 2003. On Saturday, Oct. 4th (the official SET weekend) Medical Services Communications is going to be doing a large exercise, and we would like to invite your teams to participate at your local hospital. We would like to try to talk to as many of our regional hospital partners as we can, either directly or through relay. With the redistricting of the state/hospital districts along Homeland Security outlines, it has changed the dynamics of how the hospitals communicate among themselves. We think this would be a good opportunity to see what we can do, and where we need to get to. It will call for some planning and ingenuity. I am sending out invitations by district or region, so that perhaps you can plan your participation that way. In addition, Vancouver General Hospital in BC wants to play, and we don't know yet how that will work. We are suggesting that the DMCC (Disaster Medical Control Coordination) hospital in each district, try to get a 6M connection to Seattle if possible, or looking for other suggestions. My thought is that the DMCC hospital could gather information from the other hospitals, and then make contact with Seattle to report for all the others. This is how it will work in a real event, so it would be good to practice it that way. Pierce being so close, that shouldn't be a problem. In addition - two hospitals in Pierce Co are going to receive NDMS patients from McChord. We are not going to put anyone on their busses to coordinate communications, but if there are operators at the hospitals, they certainly can relay information about arrival and departure times.

The first part of the exercise will be a joint one with the Seattle ACS team, involving several truck bombs impacting several power substations, causing significant power outages in the region. Other teams in King Co and possibly others will participate with Seattle in this. Anyone is welcome.

The second part, which will begin around 10:-10:30 AM, of our exercise will be the attempt to talk to regional hospitals.

It will soon be a requirement for all ARES members to take the EMCOMM course Level 1. Level 2 & 3 will be voluntary except for DEC and EC. You can sign up for the course on line by going to the ARRL web page and click on Education. There is a $45 dollar charge which is refunded to you upon completion of the Level 1 course. The times to sign up for these are limited. Level 1 course sign up is from one minute after midnight on the first Sunday and goes till midnight on the following Saturday or closes as soon as the quota has been reached. This has been a very popular course so if you plan to take it, be prepared.

Next **ARES MEETING** will be **Sunday, November 2, 2003 at 12 Noon.**

A drill was held in Zone 3 & 4 on Tuesday, September 16, 2003 by Mario, KD6ILO and Mickey, KD7NUV. It was a disappointing turnout for check ins. It is extremely important that we all participate in training, scheduled exercises, parades, etc. so we can practice, practice and practice some more. Mario has been very generous with his time and knowledge to provide training but we need to support him by participating in the execises. Perhaps a better job on advertising the drills is needed also.

Fall and winter and this year has been declared a non year which means there is no El Nino or La Nina. In the past this has proved to represent unusual weather occurrences so we need to be prepared for floods, snow and winds. Keep your batteries for the radios charged and the flashlights also. Be sure to check your equipment to be sure it is always ready to go.
If you are interested in ARES and have HF privileges, you are welcome to check into the WA States ARES net held on Mondays at 6:30 PM and Saturdays at 9 AM on the frequency of 3985 KHz. The back up frequency is 7245 KHz.

Rich Heasty, KK7VH, the Net Manager for Pierce County Amateur Radio Communications Services nets is still looking for volunteers to help run the net. He may be reached at 360-897-6576 or via email at rheasty@wolfenet.net if you would like to volunteer to do a net.

Shirley Murphy, N7QHW, manages membership applications and maintenance of the roster. Contact Shirley at 253-265-3661 or via email at sundancealso@harbornet.com regarding any questions or concerns relating to Department of Emergency Management Worker Identification Cards. A reminder to all that if your DEM

Pierce County Phone Numbers:

Pierce County Emergency Coordinator: Mark Yordy, W7BBO 253-857-5123;w7bbo@juno.com.

Assistant Emergency Coordinator/Zone 1 Manager: Rollo Van Slyke, N7JQ 360-876-2803; rollo@worldfront.com

Assistant Emergency Coordinators/ Anderson Island Managers: John Mollan, AE7P and Donna Mollan, WB7FDE. John and Donna can be reached at 253-884-1679; ae7p@arrl.net.

Net Manager for Pierce County Amateur Radio Communications Services nets: Rich Heasty, KK7VH 360-897-6576; rheasty@wolfenet.net

Membership Applications and Roster Maintenance: Shirley Murphy, N7QHW 253-265-3661; sundancealso@harbornet.com

Special Events Manager: Judy LaFleur, N7NII 253-847-5198

Medical Services Manager: Pat Nicholson N7WGR 253-864-6589; patn0011@earthlink.net

Emergency Communications Emergency Response Team lead: Mario Badua, KD6ILO 253-952-5880; kd6ilo@arrl.net

card has an expiration date anytime during 2003, contact her for a renewal form to get an updated card.

Special Events Manager is **Judy La Fleur, N7NII,** who can be reached via telephone at **253-847-5198** (you must leave a message and she or her representative will get back to you). She is also available via email at **n7nii@msn.com.** At this time, there are no scheduled events. Again, listen to the weekly net for up to date information.

Medical Services Manager who is Pat Nicholson, N7WGR, and he is looking for volunteers to help support the communications needed for medical facilities. Contact him at 253-864-6589 or via email at patn0011@earthlink.net.

Mario Badua, KD6ILO, is leading the Emergency Communications Emergency Response Team. These are the folks that are the first persons to be called out for events. He has zones 3, 4, and 5 covered but is still looking for volunteers to cover zones 1, 2, and 6. Volunteers would need a 4 wheel drive vehicle equipped with radios. Ideally, a 2 person team is desired but to get started, a single person can be a responder. Contact Mario a 253-952-5880 or via email at kd6ilo@arrl.net.

Watch the NOAA website for future Skywarn weather spotter training classes. The web address is www.wrh.noaa.gov/seattle

Don't forget to check into the Pierce County Amateur Radio Communication Services net on each Tuesday at 7 PM on the 146.640 MHz repeater.

ARES/RACES web page is http://piercecounty.tripod.com.

Check it out and see what is happening. More information will be added as it is needed or becomes available. The net preamble is also available on the web page.

Thanks to all for your support of ARES/RACES.

Camp Hahobas By Chuck Souter KA7HJN

Camp Hahobas, owned by the Boy Scouts, is a beautiful 593-acre wooded preserve west of Belfair along the Hood Canal. Each Sunday afternoon during their summer season 200-300+ Scouts and their leaders check in for a week of camping. They leave dirty, exhausted, but happy the following Saturday morning. During the week the Scouts are busy from daylight to well after dark enjoying the camping experience and working toward a wide variety of Merit Badges. If you are unfamiliar with the Scout Merit Badge program, they have a book on each subject the Scout is expected to read. Then an open book quiz along with some activities required to complete in order to earn the Merit Badge. The Scouts have a Radio Merit Badge and this year they asked our Radio Club to provide volunteers to help the Scouts learn the needed information to pass the merit badge test. John Robson was our liaison for the event and recruited volunteers to teach the sessions. In a moment of weakness I agreed to take the motor home over there and do the week of July 27 to Aug. 2. I'm so glad I did this... the time over there was some of the most enjoyable and rewarding I've ever spent. There were 318 "campers" that first week and one has never heard as many yes sir, no sir, please and thank you as you heard from that group! The Scouts were eager to learn and appreciated the effort it took to teach the class.... They would come to the morning or afternoon sessions well prepared, paid close attention to what I had to tell them about radio, and asked some very good questions. The effort our Club did to have this program was well received and appreciated. I can't tell you how many Scouts, Scoutmasters, Staff, and parents took the effort to thank me for the classes and they were sincere Thank you's vs. the casual, meaningless thank you one hears so often....

This was not a situation like at the Fair where you operate the radios and folks walk by and go golly, gee, that is impressive.... We held 1 1/2 to 2 hour sessions each morning and afternoon. I walked the Scouts through the information in their Merit Badge book, explained the theories covered in the book, helped them understand and answer the questions on the open book quiz. We gave each an opportunity to make a QSO after they had finished the written test. I got a total of 40 through the Merit Badge program that first week!

I was supposed to come home Saturday, August 2, but the gentleman who was to do the next week became ill and that meant losing the opportunity for the 211 campers the last week. In another moment of weakness I agreed to stay up there over the weekend and do the sessions on Monday, Tuesday, and Wednesday morning... After seeing how well the sessions had gone that first week I did not want the group the second week to miss out on the opportunity Glad I did.... Got 26 more through their merit badge requirements in those 2 1/2 days! John and Worth came over for sessions on Thursday for additional 18 Merit Badge completions. If you have not been counting, that was a total of 84 Scouts who earned their Radio Merit Badges and hopefully we sparked an interest in Ham Radio among a few of them.

That first week started off hotter than you can believe... it was getting into the mid 90's each day and it did not cool off that much at night. Tuesday night at 8:20 it was still 88 degrees with not a breath of air moving.... But thankfully a cold front passed through Wednesday night and we have much more pleasant temperatures the rest of the time. Dust everywhere.... the trails were fine, talcum powder dust and with that many kids walking along the air was filled with it.... despite their excess energy there is something about kids that age where they shuffle along and the dust they stir up is incredible... Wish I'd had my camera with me one evening after dinner.... passing the parade ground the sun was setting over the trees and the air was a red haze from all the dust.... it has not rained in so long the trails were about 3/4" deep in just powder.... add some shuffle feet and you have almost zero visibility.

One of the funniest things was the BARREL BOAT RACE... each Troop, when they checked in, was given 3 of those 55 gallon blue plastic barrels. They were to use poles, ropes, and the barrels to construct a boat their Troop would race from one end of the lake to the other (1/2 mile) on Friday afternoon. I went down to watch this and would not have missed it for the world. There were some 14 Troops with their "kid designed" boats ready to go. One was really quite elaborate with two barrels in the back, long poles holding a lone barrel in the front - a large mast holding a colorful sail with a pirate flag on the top. Impressive, but not very sea worthy!!! When they launched it, it capsized before it reaching the start line.

(Continued on page 8)

OCT 8

UPCOMING PROGRAMS AT RCT

OCT 22

WEDNESDAY, OCTOBER 8TH – EXTREME WIRELESS

Ward Silver, N0AX, from Vashon Island will present a fun introduction about contesting which will be interesting to old and new hams. Ward is the author of "A Contest Primer" which is an article in the October issue of QST. Ward is an electrical engineer, teacher, and author. He is the editor of the ARRL bi-weekly Contest Rate Sheet, and enjoys enthusiastically describing the magic of radio.

WEDNESDAY, OCTOBER 22ND – RESTORING AND REPAIRING OLDER RADIOS

John Ellingson, K7OSK, from Rochester has a very large collection of hundreds of older amateur radio receivers, transmitters, transceivers, and accessories. Every unit has been restored to almost new condition. John will explain his techniques for restoration, including how to make extra holes, drilled by previous owners, disappear.

What Do you Do with A Rubber Ducky?

Well, I'm running late, it's already the 23 of September and our editor hasn't E-mailed me to chew me out (nicely of course). so here goes: Last month we got our TV antenna up. On one end of the roof. Oh boy, My friend and I are getting old. This is the third time in 25 years. The second time was to replace the rusty guy wires after the big ice storm when I lost the 20 footer on the other end of the roof with all my ham antennas on it. The third time was for a new roof. Each time it gets harder. You know, I must not have been thinking. We used a 20 foot mast (2 ten footers) from Radio Shack. And in a year it will be rusty, because they are only coated with one layer of paint. If you go to the hardware store, to the chain link section, you will find ten foot sections of 'top rail, I think for a little less (don't quote me) and covered with a nice think coat of zinc (galvanized). As you drive down the road notice the fences all around you, and not a one is rusty. Same gauge, same size across and same length. When you put up a mast for any kind of antenna, don't forget to add a pulley up near the top with a long loop of cloths line rope threw it for any wire antenna or dipole might want to put up.

So see you next month.....Rich.....N7ANF



(Camp Hahobas *continued from page 7)*

The tall mast made it just too top heavy for the narrow design.... Another boat, made by a young troop was disqualified for safety reasons and the Staff would not let it in the water... the knots were so poorly tied and thought out there was no doubt the barrels would come loose... Once the race started it was something to see. They were allowed 3 people on each boat, before the half way point two of the boats came apart and you saw barrels, poles, and Scouts in the water!

It was a long time to be away from home working on a volunteer program - but those eleven days were some of the most rewarding and enjoyable days I've spent. The Scouts were eager to learn and everyone appreciated the opportunity. If you look around at the next gathering of Hams you will note our average ages and realize if the hobby is to survive, much less grow, it is vital that we bring new and younger Amateurs into the hobby. Activities such as this are well worth your time. My only regret is more members of our Club were unable to take part in the program, but hopefully we will be invited back next year and more can share in the rewards of working with the Scouts.

QST!

I have complete set of QST from 1965 to the present. I would like to get rid of them if someone would like to have them. . I would prefer "all or nothing". I can be reached at 253-588-1033.
Bob K7IND

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Adventure Radio Part 3

by Rich Patrick AE7RW

This is one part of a three part series. It's going to be like the Star Wars trilogy... the end of the series comes first.

It all started with the W7DK Sunday Night Net. I had mentioned to Lynn (KB6OKS), who controls the net each week, that Pat (KD7TRC) and I would be taking my QRP radio backpacking to enter a contest- The Flight of the Bumble Bees (Part 1 of the trilogy) Lynn was interested... so I left him some photos of the outing at the clubhouse. The next week Lynn mentioned that he liked the location- up in the high country- Shriner Peak in Mt Rainier National Park. Lynn suggested that a group of us go there for the upcoming VHF contest. I believe he said, "Lets do some mountain topping".

I was hesitant to go back to Shriner Peak because it is a physically challenging 4-hour hike with no water at the site. So, I set out to find another place to do mountain topping. The Sunrise area of Mt Rainier National Park has the best scenery for the least trouble to get there. So, I did a search with my Delorme topographical map software... and found Dege (day-gay) Peak. Pat and I went there on a day of hiking in that area. I took my HT and from Dege Peak... I could get into W7DK's repeater, Federal Way, Tiger Mountain, and Canada. I reported this back to Lynn during the Sunday Night Net. We had a place and we had a date, September 13. At a RCT meeting, Chuck (AC7QN), an active Sunday Night Net member, wanted to go along with. Worth (W7WG who came into all of this in part 2 of the trilogy) wanted to go, also. On the day of the contest, Chuck and Lynn left RCT at 9:00 AM and I picked up Worth around the same time. Both groups converged in Greenwater. Lynn had brought a 144 + 432 MHz dual Yagi beam for me to use. He brought the driven element from a 6 meter Yagi for himself. Chuck fabricated a homebrew 2 meter, 3 element, Yagi from some ½ inch plastic water pipe and his hiking/ski poles- a clever design, indeed.

We arrived at Sunrise Lodge around 11:00 AM or so.



Chuck's backpack weighed in at 52 pounds. A little heavier than he expected because he came across some fold up camp chairs at a garage sal for $1 each and brought an extra 6 pound battery. My backpack weighed in at 48 pounds, which included 20 pounds of Sealed Lead Acid batteries for myself and to share. One of the rangers at Sunrise asked me if I was going to "Install the repeater?" No one thought we were terrorists. It took an hour for us to hik the 2 miles and 700 feet elevation gain up to Dege Peak, elevation 7006 feet ASL.

I was the first to reach the top. I was greeted by a large group of Asian tourists. They seemed curious about the stuff hanging from my backpack. The interpreter asked me if I was tracking animals. He had spotted the 144-43 MHz Yagi. I told him that we were from the Tacoma Radio Club. Also at the top were two National Park Volunteer Rangers. When Chuck, Lynn, and Worth arrived... we began to set up our three stations. The top of Dege is a pretty flat area, above the tree line, about 35 feet in diameter. The edges and the drop off are made up of large rocks. Chuck staked out his spot on the SE side. Lynn and I were opposite each other on the North side. Chuck's and my Yagi antennas were supported with plastic conduit masts each guyed with nylon cord. Lynn's aluminum painters pole with the one element Yagi and a vertical whip for Worth's HT was jammed into a crack in a large rock. We struck up a conversation with one of the rangers, Howard Selmer. It turns out that he is also a Ham Radio operator and a Boeing electrical engineer, N7RTT. Howard loaned Worth the high gain whip antenna from his Park Service HT... so Worth could contact W7DK at the Fair until Lynn got the 2-meter whip up in the air. We were on the air and making contacts at 2000 UTC (1:00 PM).



"Chuck, AC7QN, works 144 MHz Single Side Band on top of Dege Peak with Mt Rainier looming in the background".



"Lynn, KB6OKS, operated on 50 MHz SSB and AM. The west side of Mt Rainier is in the background".

Lynn worked 50 MHz SSB, Chuck worked 144 MHz SSB, and I worked 432 SSI and CW. I also worked 145 MHz FM simplex. Chuck used his Icom 706 running 5 to 6 watts out. Lynn used an old Yaesu FT-690-R 6 Meter rig running 2.5 watts PEP SSB and ½ watt AM. I used my Yaesu FT-817 running 5 watts out. Worth tried to make contact *(Continued on page 11)*

(continued from page 9)
with some Whiskey Group members on 2 meters with his HT. He did make contact with W7DK at the Fair. Our logs show that Chuck and I were busy for about 2 ½ hours. Lynn was active for almost the entire 4 hours we set up. It's a good day for QRP ham radio.

Lynn made 30 contacts on 6 meters to 12 different grid squares- one of his contacts was using the AM mode at ½ watt output. Chuck made twenty 144 MHz SSB contacts to 10 different grid squares. I made eleven 432 MHz and nine 145.5 MHz FM contacts to 6 grid squares. One 432 MHz contact to Canada was with ½ watt output. Lynn and Chuck made the farthest away contact- to Grid DN05 in the Blue Mountains of NE Oregon, "Near Tollgate", the ham said. All totaled, 68 contacts with 28 multipliers (grid squares) were made for a grand total score of 2212 points. Darn, there are no QRP multipliers in this contest.



"Rich, AE7RW, operates 432 and 146 MHz using Lynn's dual band Yagi antenna. This antenna was very directional and worked stations in Canada with 1/2 watt output power".

It so happens that Worth made a schedule with one of the hams that checks into the Whiskey Group (the 75 meter SSB nightly get together that anyone can join) members, Steve- W7IK, at 4:00 PM on 7.260 MHz. I had brought along my HF doublet antenna and 23 ft fiberglass pushup mast incase there was an opportunity to work some HF. After the 432 MHz contacts were exhausted at 3:30 PM... I attatched the 40 meter doublet and pushed up the fiberglass pole. I attached it to the 8 ft guyed mast that was holding up my 144-432 antenna. The center of the doublet is now 23 ft high. One end is tied to Chuck's mast at 6 ft high. The opposite end is tied to a spare piece of electrical tubing at 3 ft high. The antenna ends are pretty low to the ground... but at least they are out of the way of the visiting hikers.

At 4:00 PM I call for W7IK. No answer on 7260. I hear lots of other stations-, which is a good sign. Worth says to go to 3950 at 4:05 PM. The antenna tunes... but no answer... and no other stations. Next schedule for W7IK is at 4:30 PM. Meanwhile I tune my radio up on 17 meters.



Worth operates on 40 meter phone to W7IK, one of the Whiskey Group hams located in Corvallis, Oregon".

It's unusual to hear no noise... just solid signals. I hear JJ3LLT patiently calling CQ. No one is answering him. I call with my puny 5 watts of SSB. He hears me and is calling me. Mr. Tohru is located near Kobe in Western Japan. I receive a 5X5 report. I give him 5X5, also. I hear Chuck say something like, "If I hadn't heard it with my own ears... I wouldn't have believed it". Mr. Tohru and I agreed to exchange QSL cards. It's a great day for QRP hamming.

Now it's 4:30 PM and I call for W7IK on 7260. I secretly thought that there would be no contact because previous arranged contacts did not work on 40 meters. Boy, was I wrong. Steve's voice came booming through the little speaker at 20 dB over S-9. Steve reported that my signal was equally loud. I got Worth to come over to my ham shack in the rocks and we both chatted with Steve. A ham from Northern Idaho joined in for a signal check. He was S-5 and very readable. My report was the same. It's now become an excellent day for QRP ham radio.

It is now about 5:00 PM and getting slightly chilly... so the group agreed to pack up our equipment and head back. We made it back to the car just as it was starting to get dark at 7:00 PM. At a rest stop on the way down... we talked about what a great day it was: We had good weather- sunny, warm, and clear. The most beautiful scenery...with Mt Rainier looming to the SW and Mt Adams directly south, Mt Baker, and Glacier Peak in view to the north. We had some great ham radio experiences: Worth got to experience some of his dream of being able to work High Frequency radio in the mountains Chuck and I got to work VHF and UHF contesting and Lynn had never been to this area before. We were able to explain something about Amateur Radio to the visiting hikers who were curious. As I was putting away my doublet antenna... the thought came to me that this was the best experience I've ever had in Ham Radio. I've got some great photos that will be posted at the Clubhouse. Stayed tuned for another installment of Adventure Radio.

TU es 72 de AE7RW dit dit.

HELP FOR THOSE DIFFICULT LICENSE EXAMS!

FREE UPGRADE COURSE FOR THE

GENERAL AND EXTRA CLASS

AMATEUR RADIO LICENSE

Amateur Extra Class Starts – October 2, 2003

Still taking sign ups for General Class

Call for starting Date

Classes - 7:00 to 9:30 PM

12306 80th Ave. East, Puyallup

Sponsored by:

The Radio Club of Tacoma

To Register, Call:

Jerry Seligman, W7BUN - 253-845-7652



Weekend classes will resume at the clubhouse
October 11TH & 12TH

Contact Jerry W7BUN for details.

253-845-7652 or w7bun@wa.net

****

Every Saturday the Clubhouse is open from
10 a.m. to 2 p.m.

TECHNICAL HELP by Dave Funk WA7RSO

RC Time Constants:(part #3)

Capacitive Reactance:

Capacitors do not like Voltage Changes, and they "REACT" by "*absorbing current*" when the voltage across the capacitor is increased, and "*gives back*" the current when the voltage across the capacitor is decreased, to attempt maintaining the voltage at a constant value. When you consider this basic feature of the capacitor to absorb or give back this current, remember that the "time element" is a key factor. We saw where the initial changes were those that had the most impact on current changes. The rapidity of changes will involve this "time element" by appearing as lots of initial changes in a short time frame, in that the faster these occur, the greater the current changes within that time frame (remember how the greatest changes occured at the beginning). Considering that the more often these events re-occur, the greater will be the average current flow of the capacitor. This translates to an apparent "Lower Ohms", as a resistor of lower ohms would draw more current from a voltage source. The formula for Capacitive Reactance $X_C=1/(2*pi*fr*C)$ shows that when the frequency (fr) is increased, the X_C (expressed in ohms) will decrease. In the same respect, increasing the amount of capacitance for any given frequency will cause X_C to decrease in ohms ("pi" is ~3.14159). Note that although we are using a set of curves (one for the rising current and the other for the falling current), a facet of truth is that we can look at a small segment of a curve as a slope. This slope can be related to frequency, in that low frequencies have a low rising slope, and high frequencies have a high rising slope. Compare these factors later, when we look at "Inductive Reactance".

Phase Angles:

Charging voltage starts at 0V, and the charging current starts at the maximum value, this is equivalent to a voltage sine wave and a current sine wave that are 90° out of phase with each other. At the instant that the voltage sine wave is at it's minimum voltage, the current sine wave is at it's maximum value. With that same concept, with these same two curves, where the charging voltage has peaked, the charging current has diminished, this is equivalent to a voltage sine wave and a current sine wave that are again 90° out of phase with each other. At the instant that the voltage sine wave is at it's maximum voltage, the current sine wave is at it's minimum value. If we are dealing only with pure capacitance, then the resulting phase angles between voltage and current are at the 90° indicated, but if any resistance is involved, the resulting phase angle (for the circuit as a whole) will be altered from the 90° of pure Capacitive Reactance to something less than the 90°. Compare this resulting "Phase Angle" later with Inductive Phase Angles.

How this fits in with Impedance: Impedance here is the result in the Ohms of the Capacitive Reactance that may exist, and the combination with any Resistance. Remember that the Capacitive Reactance in Ohms is a result of the frequency applied to the amount of Capacitance. Since there is a phase angle of the voltage across the capacitor vs. the current though the capacitor of 90°, and the phase angle of the voltage across the resistor and the current through the resistor is always 0°, the combination of these two will result in ohms that are not simple series or parallel computations. The phase angle will always be some value between 0° and 90°. This is why, on a Vector Chart, that the values associated with the capacitance are at 90° to those values associated with the resistance. This also simply means that with any given RC circuit, that the resulting Impedance and Phase Angle will vary with the applied frequency.

Imaginary Numbers:*This description makes you feel like someone is pulling your leg, but here's where that concept comes from:*

When you either apply voltage across a resistance, or shove current though a resistance, it causes a "power loss" as lost energy. Suppose though that you press down on a spring, or compress air into a device, you are "storing energy" (neglect for the moment that there is a miniscule amount of loss in this process).

(continued on page 13)

(continued from page 12)

This stored energy can be recovered later. Now, we need to remember that a capacitor "stores energy" in its "Electrostatic Field". Remember also that voltage and current go hand-in-hand here to accomplish this. When you try to increase the voltage charge across a capacitor, it draws current from the source to accomplish this. This "stored charge" is in the form of energy stored in the electrostatic field, and if there is no change, there is no current flow. Current flow would only exist during voltage changes. If the voltage across the capacitor is applied to a resistive load, then current would now flow into that resistive load as the electrostaic field collapses. At some time in the past, someone (or a collection of "some ones") decided that where the energy is stored and not lost, the numerical values represented for that action should be represented by "Imaginary Numbers", rather than "Real Numbers" (Real Loss of Energy). These "Imaginary Values" are plotted at 90° from the "Real Values".

Now, for a real trick: Special - How we can utilize Constant Current Sources for a special effect.

Remember our discussions about Constant Voltage Sources (Thevinin's Equivalent Circuits) and Constant Current Sources (Norton's Equivalent Circuits? A very interesting phenomenon occurs when we apply a constant current source to a capacitor to charge it. You will find that the charging voltage across the capacitor is a "*Linear*" effect, instead of a RC "Time Constant" curve, in that the voltage will rise at a Linear Rate. The "*Rate of Charge*" of this voltage across the capacitor is simply based on the amount of the "Constant Current" and the value of the capacitance. In mathematics, they call this "Linear Integration". In fact, remember that "Capacitance" is defined by the "Charge in Coulombs" that will occur for an applied voltage of 1V. (Although the definition of a Coloumb is 6.25×10^{18} electrons, I usually just say to think of this like a "bucket-full" of electrons). I.e. a 1microfarad capacitor will only hold 1microcoulombs at 1V, and would take 100V to raise that charge to 100microcoulombs. The reason for bringing this up, is because it allows us to think of what's happening across the capacitor in terms of the resulting voltage, as we dump whatever fraction of Coulombs into the capacitor as charge (or to suddenly "dump" the charge into a load of some kind, like an electronic flash unit). The purpose of such a circuit would be where we need a "Linear Voltage Change" (often called a "Linear Integrator Circuit"), such as in controlling the horizontal sweep of an oscilloscope. Later, we'll look at "Special Effects", caused by variable Constant Current Sources feeding Capacitive Circuits.

ELMER BOARD

Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members' areas of interest.

1. Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment
12. IRLP

Name/Call Sign /Phone Number/ Help with topic

Jerry, W7BUN 253-845-7652: 1,4,6,9,10

Alan, KB7SVU 253-840-4947: 4,5,10

Frank, AB7YZ 253-752-8520 : 2,3

Roger, WA7ANJ 253-475– 4293: 1,2,3,4,7,8,11

Angela, KC7EQ : 2

John, AC7LK 253-984-6709: 3, 4, 8,10,12

Mick, KK7QS 253-847-8223 : 12

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the Elmer Board!

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please contact Jill Palmer, K7JIL, 253-539-7772 or e-mail hamtalker2@msn.com

QSL Card of the Month

Submitted by Jerry W7BUN

São Tomé & Príncipe
IOTA AF 023

S92UN

CONFIRMING QSO WITH W7BUN

DATE	UTC	Mhz	2 WAY	RST	QSL
14/05/03	22:32	14	SSB	59	TNX
— / — / —	—	—	—	— / —	—
— / — / —	—	—	—	— / —	—

António Duarte Prates Bebiano
Grid JJ31 CQ Zone 36
Democratic Rep. Of São Tomé & Príncipe
QSL by home call CT1CPP

The Democratic Republic of Sao Tome and Principe is the smallest country in Africa; the two main islands form part of a chain of extinct volcanoes and both are fairly mountainous. Discovered and claimed by Portugal in the late 15th century, the islands' sugar-based economy gave way to coffee and cocoa in the 19th century - all grown with plantation slave labor, a form of which lingered into the 20th century. Although independence was achieved in 1975, democratic reforms were not instituted until the late 1980s. The first free elections were held in 1991.This small poor island economy has become increasingly dependent on cocoa since independence 28 years ago. Sao Tome has to import all fuels, most manufactured goods, consumer goods, and a substantial amount of food. Sao Tome is optimistic that substantial petroleum discoveries are forthcoming in its territorial waters in the oil-rich waters of the Gulf of Guinea; production could begin as early as 2004.

RADIO CLUB OF TACOMA 147.28 MHZ

TUESDAY EVENING NET CHECK INS August 2003

CALL SIGN, NAME, # OF CHECK INS

NET CONTROL STATIONS:

AUG 5 KK7QS AUG 19 WG7X

AUG 12 KA7IOX AUG 26 K7BUD

N1VO	BOB	2	K7ITX	DICK	3	K7QLC	DON	1	KD7TQT	MIKE	2
KD6ILO	MARIO	1	WA7IVO	NICK	2	AC7QN	CHUCK	3	KD7TQX	ADAM	2
W6NBD	MAC	2	K7JIL	JILL	2	N7QOZ	BOB	3	N7TQZ	DENNIS	1
W6PWR	DICK	1	KC7JME	NORA	3	KK7QS	MICK	3	KD7TRA	RANDY	2
KD7AAG	MARK	2	KC7JPJ	BRUCE	1	KD7QYS	TROY	4	KD7UAA	BOB	3
N7ANF	RICH	3	AC7JY	FRANK	2	KD7QYT	STEVE	1	KD7UBI	DAVID	3
WB7AUJ	DAVID	1	KD7KPY	KEITH	1	KD7QYU	JUD	1	AC7UJ	PAUL	2
KC7BAL	TRESSIE	1	KD7KPZ	DANA	1	N7RHV	DICK	1	KDYUKG	NYATH	1
KJ7BN	MARILYN	2	KB7KSY	EDITH	1	K7ROL	CAROL	1	KD7UYN	DEBBIE	3
AC7BU	AL	2	AC7LK	JOHN	2	W7RQ	JOE	1	KD7VJR	JUDSON	1
K7BUD	BUD	2	W7LKG	RICK	3	W7RW	ANDY	2	KC7VUM	LOU	4
W7BUN	JERRY	4	KD7NES	GWEN	2	AE7RW	RICH	1	KD7VWN	JIMMIE	1
W7DON	DON	2	W7NTF	GARY	1	KC7RWT	GINO	2	W7WG	WORTH	1
N7EAY	ALLEN	1	KD7NUV	MICKEY	4	W7SFO	RYAN	1	AB7WJ	BILL	1
W7EC	HAL	2	WA7OHG	WADE	4	W7SKI	BOB	2	AC7WW	JOHN	3
W7EG	BOB	1	KC7OKS	ED	2	KD7SQR	DOUG	3	WG7X	GARY	3
KC7EQ	ANGELA	1	KD7PQW	CRAIG	1	KB7SVU	ALAN	1	W7XC	SCOTT	1
KK7FM	GEORGE	1	KB7QAG	JEFF	4	KB7SVX	JEAN	3	KC7ZWG	MARTY	1
W7IMW	JACK	3	KD7QBF	MIKE	1	KD7SXU	GARRY	4	W9BYH	BILL	3
KA7IOX	SCOTT	3	N7QHW	SHIRLEY	4	KD7SXY	JIM	1			
K7ITY	LIZ	1	N7QHX	TOM	4	KD7SXZ	RODDNEY	4			

Mini-Swap Meet at the Clubhouse

Last Saturday of each month Mini Swap Meet at the Clubhouse ... 10 a.m. to 2 p.m....There will be food (hot dogs, etc.) ...Bring in your items you want to swap or sell or stop by to see what others bring.

News From The AARL By Jerry W7BUN

ARRL "LOGBOOK OF THE WORLD" GOES LIVE!

The long-awaited QSL-cardless ARRL awards and contact credit system "Logbook of the World" (LoTW) officially opened for business this week. Within its first five days of operation, the system--which is open to all--already had attracted more than 1000 requests for a digital certificate, the essential pass key to LoTW.

"Although Logbook of the World is a tremendous resource for hams chasing DXCC, VHF/UHF Century Club (VUCC), Worked All States (WAS) and other awards, we hope it will appeal to hams who are not currently active in these awards programs," said ARRL Chief Operating Officer Mark Wilson, K1RO. "The proliferation of logging software has stimulated activity and interest in contesting, and submitting log data and verifying award credits online is a logical next step."

Users then should go to the LoTW Web site and enter the password to complete the processing of their certificate request. Once the password has been entered, the digital certificate will be e-mailed within a working day or two. Non-US stations will receive their digital certificates via e-mail once their documentation has been received at ARRL Headquarters and authenticated. At the heart of the Logbook of the World concept will be a huge repository of log data provided by operators--from individual DXers and contesters to major DXpeditions--and maintained by ARRL. Mills says the system will benefit big and little guns alike by providing quick QSO credit for ARRL-sponsored awards, especially DXCC.

HOAXED!

Along with many others, QST was snookered by a bogus satellite photo <http://urbanlegends.about.com/library/bl_blackout_photo.htm> that purported to depict the US as seen from space during the August 14 electrical power outage in the Northeast. The image on page 80 of the October issue accompanied a story, "Hams a Bright Spot During Power Blackout," which deals with ham radio's response to the blackout emergency. Widely circulated via the Internet, the image apparently was a retouched composite of old satellite photos with fake identification added. As several astute members have pointed out, among other things, the faked photo shows the blackout zone as totally dark--which it was not--and the area shown is geographically inaccurate enough to see city lights from space.

IARU ADMINISTRATIVE COUNCIL LOOKS TO THE FUTURE

The focus was on the future when the International Amateur Radio Union<http://www.iaru.org/> Administrative Council met September 6-7 in Amsterdam, the Netherlands. The council reviewed in detail the results of World Radiocommunication Conference 2003 (WRC-03) as they affected the Amateur and Amateur-Satellite services and congratulated and thanked all individuals and organizations contributing to the satisfactory outcome." A compromise to move broadcasting from 7100 to 7200 kHz by early 2009 was a major result of WRC-03. In Amsterdam, the council began considering the prospect of further progress on the 40-meter issue during the next World Radiocommunication Conference, tentatively set for 2007.

"While considerable progress was made at WRC-03 toward fulfilling Amateur Service spectrum requirements at 7 MHz, the requirements were not fully satisfied and there may be an opportunity to revisit the issue at WRC-07," the IARU said. The IARU's stated goal is for a 300 kHz worldwide allocation at 7 MHz.

FCC ASKS POWER COMPANY TO TRY HARDER TO RESOLVE NOISE COMPLAINTS

The FCC has asked American Electric Power Company of Columbus, Ohio, to take a closer look at several power line noise complaints and try harder to resolve them. The cases involve complaints from four Amateur Radio operators in Ohio, Indiana and Oklahoma.

ARRL ANNOUNCES CONTEST RULE CHANGES

The ARRL Contest Branch has announced rule changes governing ARRL-sponsored operating events. The changes become effective November 1, 2003. In any contest that requires off-time, any claimed off-time period must be at least 30 minutes long. "Remember that listening time counts as operating time when calculating off-time," said ARRL Contest Branch Manager Dan Henderson, N1ND. Second, the Northwest Territories (NWT) multiplier has been renamed "Northern Territories"--abbreviated NT--for contests that use ARRL and Radio Amateurs of Canada (RAC) sections as part of the exchange.

"While not an official RAC section, the VE8, VY1 and VY0 (Northwest Territories, Yukon and Nunavut) are grouped together as a multiplier in the ARRL November Sweepstakes and the *(Continued on page 16)*

(continued from page 15)
ARRL 160-Meter Contest," Henderson explained. "The new name and abbreviation will more accurately describe their makeup."

FCC PUTS NO-CODE INTERNATIONAL'S MORSE PETITION ON PUBLIC NOTICE

The FCC has invited public comments on another Morse code-related petition for rule making--this one from No-Code International (NCI) <http://www.nocode.org/>. It's designated RM-10786. When the FCC put six other Morse-related petitions in the sequence RM-10781 through RM-10787 on public notice, RM-10786 failed to show up on the FCC's Electronic Comment Filing System (ECFS) <http://www.fcc.gov/cgb/ecfs/>. It remained missing through September 2. NCI calls on the FCC to delete Element 1--the 5 WPM Morse code exam--"totally" from the Amateur Service rules and grant "Tech Plus" privileges to current Technicians. It also wants the FCC to act onthe matter as soon as possible, preferably in a separate rule making and without further ado.

Comments poured in this week from members of the amateur community on all seven petitions. Clearly ahead in the comment-collection race is the petition filed by the National Conference of Volunteer Examiner Coordinators, RM-10787, which had collected more than 350 comments by week's end. The other petitions each have garnered more than 100 comments apiece.

Interested parties may file comments on any or all petitions now on public notice <http://hraunfoss.fcc.gov/edocs_public/attachmatch/DOC-238494A1.pdf> by using the FCC's Electronic Comment Filing System (ECFS) <http://www.fcc.gov/cgb/ecfs/>. The ECFS also permits users to view all comments on file. There is a 30-day comment window. To file a comment, click on "Submit a Filing" under "ECFS Main Links." In the "Proceeding" field, type the full RM number, including the hyphen, and complete the required fields. "RM" must be in capital letters, and you must include the hyphen between "RM" and the five-digit number. You may type your remarks into a form or attach a file. ECFS also accepts comments in active proceedings via e-mail, per instructions on the ECFS page.

To view any comments already submitted for each petition, click on "Search for Filed Comments" under "ECFS Main Links" and type in the complete RM number, including the hyphen, in the "Proceeding" field. "RM" must be in capital letters, and you must include the hyphen between "RM" and the five-digit number.

Several countries--including Switzerland, Belgium, the UK, Germany, Norway and the Netherlands--already have moved to drop their Morse requirements. Austria, New Zealand and Australia are expected to do so soon.

Welcome to All New Members!

We hope you enjoy your affiliation with the Radio Club of Tacoma and will invite your friends to join us.

Please stop by the Clubhouse on Saturday mornings and come to the club meetings and events so we can all get to know you better.

Again, welcome - we're glad you're here!

Pacific NW Hamfests

October 11, 2003. North Kitsap Amateur Radio Club Hamfair. Silverdale, WA. 9:00 am to 3:00 pm. This is another of my favorites. The hall is large and easy to get to, and there is great RV parking on the grounds. http://nkarc.home.donobi.net . For information, contact Ron Sefton ron-sefton@hotmail.com or Horace Ory: ory001@attbi.com. Flyer in PDF.

October 25, 2003. Swap-Toberfest, Polk County Fairgrounds, Rickreall, Oregon. (Ten miles west of Salem). This is a big one and a good one! There is excellent RV space with water/electric hook-ups in the parking lot. For information, contact n7bud@arrl.net . Link to Flyer.

November 8, 2003. Mount Baker Amateur Radio Club Flea Market, Bellingham, WA. http://www.qsl.net/k7skw/fleamarket.htm . Info, contact k7iey@netscape.net . Flyer in PDF.

Information copied from the website of N7CFO.

MEMBERSHIP ROSTER CHANGES FOR OCTOBER 2003

SILENT KEY:

Ralph L. Upright, KB7SWZ
Membership Number 256 (1947)

CALL SIGN CHANGE:

Jeff Carter, KD7LZV, now W7WAL

Stephen Morton, KD7QYT, now AD7AB

NEW MEMBER:

Charles Jenkins, K7QVC
3596 Tacoma Ave. S.
Tacoma, WA 98418-6849
253-475-9546 Membership # 2208

ADDRESS CHANGES:

Gary Breivik, N7GWC
14711 Regal Lane
Yelm, WA 98597

George Noble, KK7FM
100 Market St. Unit 309
Des Moines, IA 50309

Steve & Sue Dyer, KD7NEY & KD7NEX
3507 Jackson Lake Rd. KPN
Lakebay, WA 98349-9245

Harry Ball, W7HHP
7605 139th St. Ct. NW
Gig Harbor, WA 98329-8684

Eva Anderson, WB7QNS
5250 Bridgeport Way W. Apt. 310
University Place, WA 98467-2043

Jill Kerton, KB7JMZ
25510 51st Ave. E.
Graham, WA 98338-7115

Chris Jones, KD7TQO
HQOH Staff
Rt. 1, Box 35
Cimarron, NM 87714

Scott Clausen, NF7Y
194 Falfa Lane
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RADIO CLUB OF TACOMA
PO BOX 11188
TACOMA, WA 98411-0188

[ ] NEW MEMBER (ONE APPLICATION PER MEMBER)

[ ] RENEWAL (ONE RENEWAL FORM PER FAMILY OK)

MEMBER CATEGORY: [ ] FULL [ ] SENIOR [ ] ASSOCIATE [ ] FAMILY [ ] LIFE [ ] STUDENT [ ] REINSTATEMENT

Name_____ Call_____ Class_____ Birthday_____

Address_____City/State_____

Zip+4_____Home Phone(_____)_____ Work Phone(_____)_____

e-mail address_____Publish phone number/e-mail in the Club Roster? Yes [ ] No [ ]

Former Call(s)_____

Are you a Volunteer Examiner ? Yes [ ] No [ ] If Yes, which VEC? ARRL [ ] W5YI [ ] Other [ ]

Occupation (or former occupation)_____

Are you a member of: ARRL [ ] ARES/RACES [ ] MARS [ ]

FAMILY MEMBERS NAME, CALL, AND LICENSE CLASS (RENEWALS ONLY)

_____

_____

_____

THE RADIO CLUB PARTICIPATES AND SUPPORTS THE FOLLOWING ACTIVITIES EACH YEAR. PLEASE MARK THE BOX IN FRONT OF THE ACTIVITY OR ACTIVITIES THAT YOU WILL HELP SUPPORT. WE NEED YOUR HELP AND SUPPORT. PLEASE CONSIDER AT LEAST ONE ACTIVITY THAT WE CAN COUNT ON YOU TO SUPPORT. PLEASE CHECK THE FIRST BOX IF YOU ARE EXPERIENCED OR ALREADY INVOLVED. CHECK SECOND BOX IF YOU WOULD LIKE TO LEARN MORE ABOUT THIS).

[ ] [ ] DIGITAL COMMUNICATIONs	[ ] [ ] VE TEAM	[ ] [ ] EMERGENCY COMMUNICATIONS
[ ] [ ] FIELD DAY	[ ] [ ] PUBLIC RELATIONS	[ ] [ ] CLUB NEWSLETTER
[ ] [ ] ANNUAL FLEA MARKET	[ ] [ ] TEACHING CLASSES	[ ] [ ] CONTESTS
[ ] [ ] BOOTH AT THE WWA FAIR	[ ] [ ] ANTIQUE RADIOS	[ ] [ ] VHF/UHF
[ ] [ ] WORKING WITH YOUTH GROUPS	[ ] [ ] DX	[ ] [ ] EXPERIMENTATION

Other hobbies, interests, skills:_____

Club badges are available for $9.00. If you would like a badge, please PRINT the following:

Badge Name_____ Badge Call Sign_____

Applicant's Signature_____ Date_____

ANNUAL MEMBERSHIP DUES: FULL OR ASSOCIATE MEMBER $30
FAMILY MEMBER (AT SAME ADDRESS, FIRST TWO) $15 EACH (ALL ABOVE 2 ARE FREE)
SENIOR MEMBER (65 AND OVER) $25 FULL-TIME STUDENT (UP TO AGE 25) $15
LIFE MEMBERSHIP = 20 TIMES ANNUAL DUES (PAYMENT PLAN AVAILABLE)

Seven dollars ($7.00) of your annual dues is for the Club's monthly newsletter (The Logger's Bark)

FOR RCT USE ONLY

Dues received $_____ Treasurer's initials_____ Date_____

Badge fee rcvd $_____ Treasurer's initials_____ Dat_____

Receipt Number_____ Radio of Tacoma Membership Number_____

THE LOGGER'S BARK

Radio Club of Tacoma, Inc.

P.O. Box 11188

Tacoma, WA 98411

NON PROFIT ORG.

U.S. POSTAGE PAID

TACOMA, WA

PERMIT NO. 1078

RETURN SERVICE REQUESTED

November, 2003 EVENTS



Nov 1– Pinochle Potluck 7:00 p.m. Clubhouse

Nov 5- Board Meeting, 7:30 p.m. Clubhouse - All members welcome

Nov 11– License Testing - 7 PM, Clubhouse

Nov 12- Club Meeting - Library Administration Center, 7:30 PM

WEDNESDAY, NOVEMBER 12TH – MORSE CODE KEYS AND BUGS

ELECTION OF CLUB OFFICERS –WEDNESDAY NOV 12TH

NOV 20- BARK deadline - PLEASE *please* get articles, columns, etc. in by that time!

Nov 26- Club Meeting - Library Administration Center, 7:30 PM

WEDNESDAY, NOVEMBER 26TH – COLLECTING WALLPAPER

- Support OUR club - Attend meetings, volunteer, elmer.
- Check in to the 2-meter Net every Tuesday night at 7:30, on 147.28. Hear additional information on programs and other events.
- Check in on the 10 Meter Net every Sunday evening, 8 PM, on 28.375 MHz USB

W7DK November 2003 E

Sun	Mon	Tue	Wed	Thu	
2 *10 METER NET 28.375 MHZ 8 PM* *AARL SWEEPSTAKES CONTEST-CW* ART LITTLE K7AML	3 *GENERAL CLASS COURSE STARTS* *AARL SWEEPSTAKES CONTEST-CW*	4 *147.28 NET 7:30 PM*	5 *BOARD MEETING 7:30 P.M.* BOB HONAN W7EG	6	7 BOB
9 *10 METER NET 28.375 MHZ 8 PM* *JAPAN INTERNATIONAL DX CONTEST –PHONE* JOHN BITTINGER KI7GW	10	11 *47.28 NET 7:30 PM* VE LICENSING TESTING 7:00 P.M. CLUBHOUSE	12 *RCT CLUB MEETING*	13 CLIFF OSBORNE W7MGF GARY FOREMAN	14
16 *10 METER NET 28.375 MHZ 8 PM* *AARL SWEEPSTAKES CONTEST-SSB* RUTH CROUCH N7WGF ELIVOR ILVEDSON KD7SXS	17 BILL MORGAN W7GPR DON PETERSON N7OTV	18 *147.28 NET 7:30 PM* WILLIE BOURLET N7NXK	19 JOE SCARFO KDYQBQ	20 MARTHA DRIESSNACK KC7VUJ	21 JEFF JEFF
23 *10 METER NET 28.375 MHZ 8 PM*	24 PAUL MORGAN N7EPH PAUL GOODWIN KD7UBO MIKE JOHNSON KD7OQC ALAN HUGHES KB7SUV	25 *147.28 NET 7:30 PM*	26 *RTC CLUB MEETING* ANDY DANISHER W7RW SHAWN CHURCHILL KD7UBL	27 **Happy Thanksgiving**	28
30 *10 METER NET 28.375 MHZ 8 PM* *CQ WORLDWIDE DX CONTEST-CW*	*1 (DECEMBER)*	*2(DECEMBER)*	*3 (DECEMBER)*	*4(DECEMBER)*	*5(DEC*

HAPPY BIRTHDAY CLUB MEMBERS

radio club of tacoma W7DK

THE LOGGER'S BARK

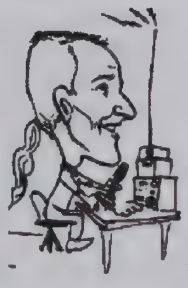
SPECIAL SERVICE CLUB

ARRL RADIO CLUB OF TACOMA W7DK

VOL. XXXX NR. 11 W7DK November, 2003

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FROM THE PRESIDENT, MICK KK7QS

Once again we find ourselves looking at election time. Yes it is time to elect a vice president, secretary and three board members. Next year it will be the president, treasurer, and two board members. So please be sure and take a minute to vote. Ballots must be postmarked by November 5th, or hand delivered before the start of the meeting on November 12th. I would like to thank all those candidates who are willing to give their time and efforts to make our club a better club. Please show them your support.

Puyallup Fair fun for all! The Puyallup fair was a lot of fun for all of us that got a chance to work the booth. We had a chance to talk to a lot of people, from young to old. We even challenged the visitors with the straight key and a sheet with the code on it. We told them if they could send their name, so we could read it, they would receive a certificate signed by our club member. The certificate stated that they had successfully sent their name in cw. We gave out quite a few. The young people in particular had a lot of fun trying. And as usual I think we drew a lot of interest for our no-code tech class. If you didn't have a chance to attend this year I hope you can next year. It is a lot of fun and allows us to share our excitement in ham radio with others.

Clubhouse open for AARL Sweepstakes. The clubhouse will be open for an operating party in conjunction with the AARL sweepstakes on November 15th and 16th. We will need operators, loggers, support with food, and just support in general. These operating parties are designed for the beginner. If you are curious about contesting or would , like to learn how this would be the chance you are looking for. We are there to help hams get a chance to get their feet wet in contesting. We are not interested in winning any contests, but we are interested in helping hams learn how much fun contesting can be. If you would like to see what it is all about with no pressure please come by. There will be lots of food and support. Hope to see you there. Contact John AC7LK for details.

Christmas party at T.A.C.I.D. Our annual Christmas / awards banquet (potluck), will be held at the T.A.C.I.D. building again this year. It will be on Saturday December the 6th. This will be a chance to enjoy good food, good friends, and recognize all the members that have contributed so much to our club. Be sure to mark this on your calendar. It is sure to be an event not to miss. And don't forget the grand prize drawing. "73" de Mick / kk7qs

Every Saturday the Clubhouse is open from 10 a.m. to 2 p.m.

UPGRADE YOUR LICENSE!

Check in to the Tuesday evening Net at 7:30p.m. on 147.28 (the W7DK repeater) for the latest news and announcements from the club!

RADIO CLUB OF TACOMA OFFICERS – 2003

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Feature writers: See Page 2: Send Articles and Submissions for this publication to: Dawn Pier KC7VZM, thebark@comcast.net.

PUBLISHER W7DK PRESS AC7WW -475-5854

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Announcements

November Operating Party

An operating party is now set for November 15 and 16 at the clubhouse in conjunction with the November AARL Sweepstakes. Support is needed. The Salmon Run was a great gathering for those who choose to participate. Don't miss this one! We need operators, loggers, food and suggestions for other activities at the clubhouse. I plan to organize another work party for that weekend so there will be lots to do for anyone who stops by. The contesting we do at these parties is no **pressure** and done only for the **fun** in it.

Don't be shy.

73 John AC7LK

Annual RTC Christmas Party

Saturday December 6th, 6p.m.-9p.m.

T.A.C.I.D. Building on 19th near Mildred

Pot luck, club will provide Turkey & Ham, coffee , pop and tableware.

Bring anything you please, hot dish, salad or dessert.

Door Prizes and Fun await you!

CLUB MEETINGS: 7:30 PM 2nd & 4th Wednesdays of each month at the Pierce County Library Administration Building, 3005 - 112th Street East, Tacoma, WA

W7DK/Radio Club of Tacoma

147.28 / .88 MHz (PL 103.5)

147.38 / .98 MHz (PL 103.5)

144.97 - Packet

440.625 / 445.625 (PL 103.5)

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 253-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles & advertising to thebark@comcast.net or mail to Dawn Pier, kc7vzm, 308 118th Ave. Ct. E., Edgewood, WA 98372. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. *The Logger's Bark* does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in *The Logger's Bark* if credit line i included in the report.

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POSTMASTER SEND ADDRESS CHANGE TO: *THE LOGGER'S BARK*, PO BOX 11188, TACOMA, WA 98411.

The Radio Club of Tacoma is a non profit organization as defined by law, and all proceeds will be used exclusively for charitable and educational purposes.

Museum Musings by Worth W7WG

Forward to the Past: Amateur Radio during the Last Century

The Museum group once again, at North Kitsap Amateur Radio Club's urging, had an exhibit at their Flea Market at the Kitsap County Fair Grounds next to the horse barns and many other outdoor activities. I thought our RCT Museum had been putting on our display there for four or five years. They believe it is closer to ten years. Time marches, actually jogs on, in your antique years.

They invited, almost begged, us so earnestly we just had to be there. It is a wonderful example of amateur radio inter-club cooperation. The help I received to compensate for my last-minute planning was a great example of amateur radio intra-club cooperation. Ed Root KC7OKS and Harry Wong N7DOE helped select, and then carried old antique radio things up and down the old, creaking radio club stairs. [Meantime, I was able to creak myself up and down those stairs empty-handed.] Rich Manson N7ANF collected material for his impressive live R.F. demonstrations of nodes and loops, zepps and j-poles.

When we arrived at the Kitsap Fair Grounds, the NKARC members hospitably greeted us with name badges, tables, an operating antenna, more help. As arranged, Mike Wingren KD7QBF joined the group to set up the displays, banners, etc.; Chuck Kemmer AC7QN displayed and explained the VHF/UHF RCT accent of Dege Peak on side of Mt Rainier; and Bruce Franklin K7DYY demonstrated his 1930s' Forest Service portable AM transceiver using small tubes.

Bruce, the designer and manufacturer of QRP Plus a few years ago, also showed me his latest creation, a very, very small 1 kW linear amplifier. I urged him to display it along with everything else. It created much interest, even by the ICOM people nearby. That little Class E amplifier reaches 90% efficiency and could result in a kilowatt amateur transceiver the size of the present smaller 100-watt rigs. I believe that would make a very interesting Club program.

Several members of the NKARC made a point of coming over and thanking us for, once again, bringing our radio antique road-show to their flea market. Members of that club donated the "Old Oak Rig", a genuine antique, to our RCT Museum. A group of older members came over from Kitsap one Saturday to view it and the other old equipment. They were greeted by Morel, Mac, Lou Simmons, and others who were so active at that time upgrading the museum (along with the rest of the clubhouse) and the old transmitters and receivers to simulate the "old days". We hope to continue this fine relationship. At the end of our recent trip Harry made a startling suggestion: "Next year we must Plan Ahead!"

With the present high activity (which we hope doesn't follow the sun spot cycle) in our Club it again is envied by others.

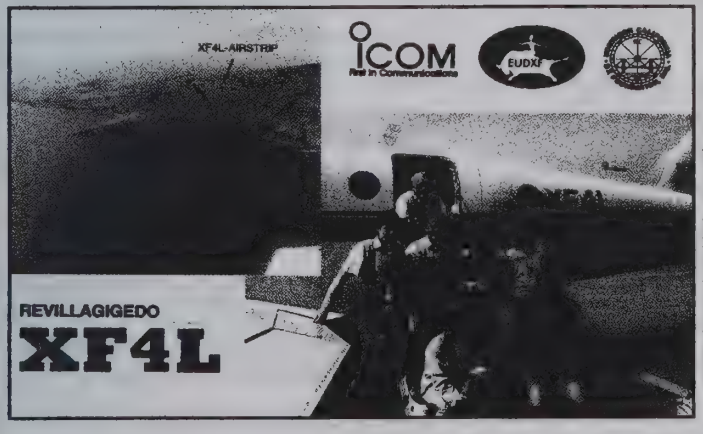
With great advances by the Club into modern techniques I was glad to hear that Rich AE7RW efforts to get started a self-construction of a receiver and QRP rigs and later using them in a little local cw net. That would bring back some of the thrills of the "old days" when our rigs were, unintentionally, QRP; and any answer was a great occasion. It also would preserve the historically important and unique communications technique of International-Morse Code. As some recent printed comments pointed out, sailing is still very important even though wind-powered ships are no longer used in commerce to move freight and people.

Next month I hope to write more details of Mac Park's W6NBD wonderful life and career, so much directed by his hobby of amateur radio, including his patented tuning stub. I hope others will write about their life, obviously somehow related to amateur radio. I recall very interesting accounts by: the late Max Bice in local radio and TV broadcasting; George KA7HE in SE Asia combining amateur radio and missionary efforts in Viet Nam, Laos, and Thailand; Morel W6LIX where amateur radio led to a distinguished career as airline captain with UAL including a mid-air hijacking under the old rules; and others.

What about YOU?

QSL Card of the Month

Submitted by Jerry W7BUN



REVILLAGIGEDO

Revillagedo Islands are located 450 miles off the coast of Mexico in the Pacific Ocean. The archipelago consists of three small islands and two adjacent rocks. The island of Socorro is 24 miles long and 9 miles wide and its volcanic peak rises slightly over 3,700 feet. The island is manned by a small Mexican military garrison. XF4 has always been considered a mysterious place, especially by Europeans of whom only a handful had made contact with the island before.

ARES/RACES BY SHIRLEY MURPHY, N7QHW

Mark Yordy, W7BBO, District Emergency Coordinator/RACES Radio Officer is to be open to any and all ideas from anyone on how you feel ARES can best be promoted in Pierce County. Contact him via email at w7bbo@juno.com.

Mario, KD6ILO, has been doing in the air training for ARES/RACES for quite some time now. The following is one of his weekly training subjects. I will include them in this article whenever I can so we can all benefit from his knowledge and efforts.

Radio Officer:

- Carry Identification, drivers license with WS-DEM card with photo
- Respond with officially activation of, <name> with Pierce County ARES/RACES communications
- Carry out assignment given by incident commander or field commander or VECS leader
- Allocates resources between Communications Units
- Coordinates resources requests from Unit Leaders
- Assign primary ACS staff
- Register convergent volunteers
- Coordinates outgoing mutual aid support (**ARESMAT** Ref. ARRL Field Manual)
- Staff Op Area EOC and Mobile Unit using unified command
- Operate fixed and mobile communications facilities
- Coordinate frequencies with creation of a frequency matrix / directory
- Assign Tactical Call signs
- Gather situation reports and damage assessments from towns and cities
- Install, modify, remove or operate communications equipment
- Maintain activity log of messages received and actions taken
- Maintain record of equipment deployed, need repair or replacement
- Demobilize ACS units
- Provide additional/alternative communications capability to;

1. Hospitals
2. PIO's
3. Shelter sites
4. Incident Command Post
5. Field Operations
6. Emergency Operations Center (EOC)

Prepare After Action Report (AAR)

Mario Badua, Jr, Pierce County ARES/RACES, Zone 4 Region 5 ECRT

Pierce County Phone Numbers:

Pierce County Emergency Coordinator: Mark Yordy, W7BBO 253-857-5123;w7bbo@juno.com.

Assistant Emergency Coordinator/Zone 1 Manager: Rollo Van Slyke, N7JQ 360-876-2803; rollo@worldfront.com

Assistant Emergency Coordinators/ Anderson Island Managers: John Mollan, AE7P and Donna Mollan, WB7FDE. John and Donna can be reached at 253-884-1679; ae7p@arrl.net.

Net Manager for Pierce County Amateur Radio Communications Services nets: Rich Heasty, KK7VH 360-897-6576; rheasty@wolfenet.net

Membership Applications and Roster Maintenance: Shirley Murphy, N7QHW 253-265-3661; sundancealso@harbornet.com

Special Events Manager: Judy LaFleur, N7NII 253-847-5198

Medical Services Manager: Pat Nicholson N7WGR 253-864-6589; patn0011@earthlink.net

Emergency Communications Emergency Response Team lead: Mario Badua, KD6ILO 253-952-5880; kd6ilo@arrl.net

Next **ARES MEETING** will be **Sunday, November 2, 2003 at 12 Noon.**

If you are interested in ARES and have HF privileges, you are welcom to check into the WA States ARES net held on Mondays at 6:30 PM ar Saturdays at 9 AM on the frequency of 3985 KHz. The back up frequency is 7245 KHz.

Rich Heasty, KK7VH, the Net Manager for Pierce County Amateur Radio Communications Services nets is still looking for volunteers to help run the net. He may be reached at 360-897-6576 or via email at rheasty@wolfenet.net if you would like to volunteer to do a net.

Shirley Murphy, N7QHW, manages membership applications and mai tenance of the roster. Contact Shirley at 253-265-3661 or via email at sundancealso@harbornet.com regarding any questions or concerns rela ing to Department of Emergency Management Worker Identification Cards. A reminder to all that if your DEM card has an expiration date anytime during 2003, contact her for a renewal form to get an updated card.

Special Events Manager is **Judy La Fleur, N7NII,** who can be reachec via telephone at **253-847-5198** (you must leave a message and she or h representative will get back to you). She is also available via email at **n7nii@msn.com.** At this time, there are no scheduled events. Again, listen to the weekly net for up to date information.

Medical Services Manager who is (*continued on page 7)*

*(continued from page 6)*Pat Nicholson, N7WGR, and he is looking for volunteers to help support the communications needed for medical facilities. Contact him at 253-864-6589 or via email at patn0011@earthlink.net.

Mario Badua, KD6ILO, is leading the Emergency Communications Emergency Response Team. These are the folks that are the first persons to be called out for events. He has zones 3, 4, 5 and 6 covered but is still looking for volunteers to cover zones 1and 2. Ideally, a 2 person team is desired but to get started, a single person can be a responder. Contact Mario at 253-952-5880 or via email at kd6ilo@arrl.net.

Watch the NOAA website for future Skywarn weather spotter training classes. The web address is www.wrh.noaa.gov/seattle.

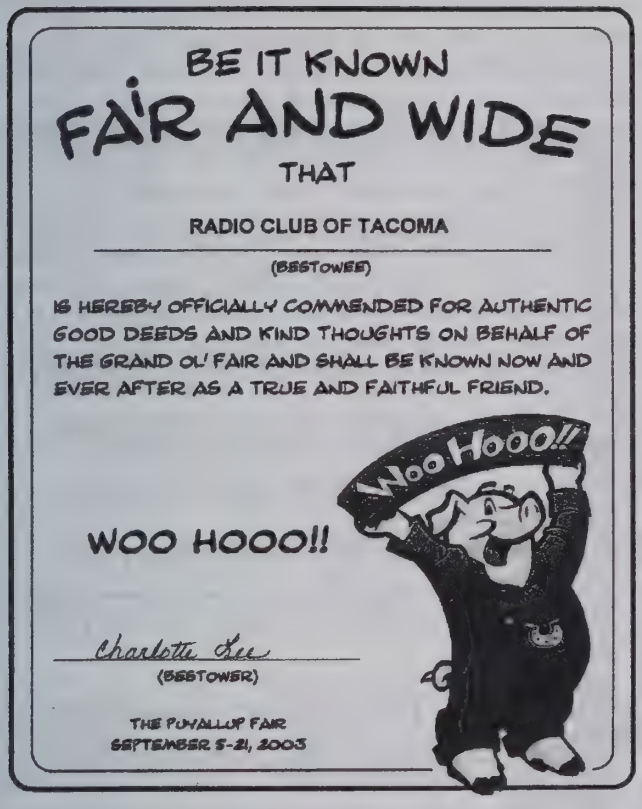
Don't forget to check into the Pierce County Amateur Radio Communication Services net on each Tuesday at 7 PM on the 146.640 MHz repeater.

ARES/RACES web page is http://piercecounty.tripod.com.

Check it out and see what is happening. More information will be added as it is needed or becomes available. The net preamble is also available on the web page.

Thanks to all for your support of ARES/RACES. 73 Shirley,

THANKS FOR "DOING THE PUYALLUP" IN 2003



It was a busy 17 days but a great big THANK YOU goes to all of you great volunteers that kept the Fair Booth staffed for all the shifts. We had persons staffing the booth for a total of 408 hours. All shifts were covered by the time the Fair started because you the volunteers were so willing to help out. We were not as lucky this year in regards to last minute fill ins for persons who were unable to do their shift for whatever reason but our back up volunteers were very cooperative and helped out a lot. One person had to spend the entire shift alone but that was do mainly to a very late notification by the person who did not come. Thank you Bruce, KC7JPJ, for doing the entire shift by yourself.

A big thanks once again to Dick,W6PWR; Edith, KB7KSY; Jill, K7JIL; Frank, AC7JY and especially Kathleen, N0EYK who has that great talent of putting it all together and once again creating a very attractive eye catching display. She puts it together in such a way that it is a very positive image for our club and hobby as well. Thanks also to Dick, W6PWR, and Jean, KB7SVX, who helped break down the booth after the fair along with myself. Thanks also to Mike, KB7ZDR, who came by the clubhouse to lock up the items in our garage lock up area. Many compliments were again expressed by club members as well as the public on how nice the booth always looks. ICOM shipped all the radio gear, etc. and frequency and grid charts, world maps, and frequency spectrum allocations which saved us a trip to Bellevue. A **GREAT BIG "THANKS" TO ICOM** for once again supporting our efforts at the Fair Booth by lending us radios for the duration of the Fair. Thanks to Jill, K7JIL, who harassed all of you to fill all those blank spaces for the Fair Booth staffing. Good work and thanks a bunch to each of you! It wouldn't happen without you.

A big thanks also to Jerry, W7BUN, who readily volunteered to organize the traffic handlers for our fair traffic and also filled in to pick up traffic when necessary. It has been a popular activity for the public and we sure appreciate the amateurs who helped out with this part of our fair activity. Thanks to the following who helped get the traffic on its way. Jerry, W7BUN; Don, K7QLC; Bill, KI7YK; Tom, W7PK; Al, AC7BU; Shirley, N7QHW; and Jean, KB7SVX. And of course, we need to thank the WARTS net for taking the fair traffic and getting it on its way to its final destination.

The number of messages sent was 76 (which is down from last year) and they went to the following states, 4 to AZ, 11 to CA, 2 to MN, 1 to OR, 1 to FL, 2 to SC, 1 to WI, 5 to OH, 1 to MI, 2 to MA, 1 to PA, 1 to GA, 1 to IA, 5 to NJ, 2 to HI, 1to ID, 3 to NM, 1 to WY, 1 to ME, 5 to VA, 1 to WI, 1 to MD, 1 to AK, 5 to NJ, 1 to IL, 1 to MT, 1 to RI and 18 to WA. This year 1 message was sent out of the country to Alberta, Canada.

There were 867 Amateur Radio Operators that signed in our log book. Mostly of course from Washington state (east and west) and also from the following locations, 2 from TX, 4 from AZ, 2 from AK, 1 from FL, 2 from CA, 9 from OR, 2 from HI, 2 from ID, 1 from NV, 1 from North Pole, 1 from PA, 1 from AR, 2 from NM, 1 from MA, 1 from KS , 2 from Haywards Heath, UK, and 1 from Vancouver, BC.

THANKS to the following for staffing the booth and working so well with the public. PHIL, W7PFZ; MARV, KC7JKA; DICK, W6PWR; EDITH, KB7KSY; ED, KC7OKS; JILL, K7JIL; BOB, W7SKI; DON, W7DON; HAL, W7EC; MICK, KK7QS; DAWN, KC7VZM; WORTH, W7WG; AL, AC7BU; TOM, N7QHX; FRANK, AC7JY;(continued on page 8)

What Do you Do with A Rubber Ducky? By Rich N7ANF

Hi every one, it's November already. Zips right along doesn't it? This month I'd like to talk about, you guessed it, antennas. This August I gave a demo at our flea market and again in Oct. at the North Kitsap flee market. Basically it was about RF on antenna wires, along with a lot of goofing off and fun with fluorescent lights. Using the very short wave two meter band to show you the current (lo z) and voltage (Hi z) points on the wire. Which would be the same on 80 and 40 or 20 meters. But two meters is much easier to put on a table top, as the same laws still apply. If you noticed the fluorescent tube would light up at the (Hi z) ends of a 38 inch center fed dipole, with high current , (lo z) in the middle at the feed point (50 or 75 ohms). With a sensitive enough loop and light bulb I could show the lo z feed point. Using a "J" pole: a 38 inch 1/2 wave wire or pipe fed with a 19 inch parallel line matching transformer. Could be any number of things, 19 inches of 300 ohm TV twin lead or 450 ohm ladder line shorted at the bottom end and fed at the 50 ohm point about 1 and 1/2 inches up, or a 19 inch "U" of copper pipe or aluminum rod from an old TV antenna. You will find very lo z at the bottom end shorted point and very hi z and high voltage at the 19 inch top end. Theoretically with no load at the 19 inch hi z point there is no radiation because both conductors are opposite polarity and cancel. But as soon you hang the 38 inch conductor on one side it becomes unbalanced and does radiate some. The idea here is one solid 57 inch piece of metal with 19 inches on the side that you can bolt onto most anything and go on the air. That 38 inch piece has the same characteristics as the 38 inch center fed dipole, lo z in the middle and hi z at each end. Makes no difference whether you feed it in the center or at the end. You could feed the end with a tuned (resonant) circuit or a capacity loaded and shortened parallel line like my tunable dog food can. Hi z RF is Hi z RF. Same as feeding a 1/2 wave HF wire out your window at one end with an antenna tuner at Hi z. Or you could feed it in the Lo z center with coax.



See you next time...Rich...N7ANF

****

(continued from page 7)

Thanks for "Doing The Puyallup"

BOB, KD7IBU; RICH, 7ANF; MILT, KD7GUD; ROB, WB7QCS; BILL, AB7WJ; MARILYN, KJ7BN; JERRY, W7BUN; CHUCK, AC7QN; DANA, KD7KPZ; SHIRLEY, N7QHW; JOHN, AC7LK; JEAN, KB7SVX; RICK, W7LKG; MIKE, KD7QBF; GARY, W7NTF; CONNIE CLARKE; HARRY, N7DOE; BRUCE, KC7JPJ; NICK, WA7IVO; GEORGE, KA7HGE; JIM, KC7SYT; LOIS, KC7SYU; FRANK, KB3NV; SHELLEY, W7ATB; DANNY, KC7KAN; ART, KD7KQE; BOB, N7APP; NINA, N7BKK; JOHN, AC7WW; JACK, W7IMW; JUDI, WB6SKE; BOB, W7EG; GARY, WG7X; GARY, K7UPG; STEVE, KD7QYT; KYLE, KD7RKV; CAROL, K7ROL; RODDNEY, KD7SXZ; DAVID, KD7UBI; NORA, KC7JME; JIM, KD7TJE AND LARRY, KD7TQW. A special thanks to those volunteers standing by to fill in at the last minute whenever it was needed. They were JEAN, KB7SVX; FRANK, KB3NV; JERRY, W7BUN; DAVID, KD7UBI; and CHUCK, AC7QN. Many of the fair booth persons as well as the traffic handlers did multiple shifts or times for handling traffic and it was greatly appreciated. Thanks again and don't forget to help out again next year when we "DO THE PUYALLUP".

Thanks one and all!! 73 Shirley, N7QHW



The next weekend class for Technician will be held at the clubhouse Dec 6&7th

Contact Jerry W7BUN for details.

253-845-7652 or w7bun@wa.net

NOV 12 UPCOMING PROGRAMS AT RCT NOV 26

WEDNESDAY, NOVEMBER 12TH – MORSE CODE KEYS AND BUGS

Lynn Burlingame, N7CFO, from Bellevue, has a large collection of antique and unique keys, bugs, paddles, and telegraph sounders. He will discuss the early use of these devices, and bring some items from his collection for display. Lynn will bring a bug and code oscillator and let members try their hand at sending with a bug.

WEDNESDAY, NOVEMBER 26TH – COLLECTING WALLPAPER

There are actually thousands of certificates available to amateur radio operators and short wave listeners. Many are easily obtainable for all classes of licensees. Some of the more common certificates will be discussed and a handout on sources of information for these will be available.

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please contact Jill Palmer, K7JIL, 253-539-7772 or e-mail hamtalker2@msn.com

W7DK calls for contesters!

Contesting with W7DK at the Clubhouse:
Club goal is 100 DX qsl cards to decorate the clubhouse wall!
Organize a contesting party at the Clubhouse - contact John AC7LK for info.

NEW MEMBERSHIPS: WELCOME!

Larry Vogel, KD7WLR
1318 118th St. Ct. NW
Gig Harbor, WA 98322-9669
253-851-1831
Member Number 2208

John Hamilton, No Call
23613 135th Ave. E.
Graham, WA 98338
360-893-6025
Member Number 2209

Welcome to All New Members!

We hope you enjoy your affiliation with the Radio Club of Tacoma and will invite your friends to join us.

Please stop by the Clubhouse on Saturday mornings and come to the club meetings and events so we can all get to know you better.

Again, welcome - we're glad you're here!

In Remembrance

SILENT KEY:

Edward Dahl, W7DYN

Member Number 198 (1929)

ARRL Publications for the New Ham.

(And some not-so-new hams!)

by Gary McAdams WG7X

I'm sure most of us who attend RTC meetings have seen Jerry Seligman, W7BUN over there at the side of the room with all those ARRL publications. Possibly you have wondered what they were, or how they could be useful to you. I hope that I can shed a little light with my personal experience with and use of the various ARRL publications.

Of course, each of us has our own needs and budget, but the ARRL books and other material provide a wealth of stuff, most of it very useful to the new Ham, and the Old Timer too!

Let's begin with some of the basic publications that should adorn every ham shack, no matter how humble.

Number one on the hit parade is the "FCC Rule Book", part number 7857. This fine book goes for about twelve (12) dollars. This, quite simply, is a must have! I can feel your dismay all the way from here...But, before you give up, you should know that the ARRL's book lists all of the relevant FCC rules and explains them in language we can all understand. That is the beauty of this book! The FCC's part 97 is contained in its entirety for all you by the rules types out there, but the ARRL version goes one step further, and explains what all that fine government language really means to a normal ham. So the next time someone asks you if RTTY is OK or not on two meters, you will have the facts at hand!

Number two on the list would be the yearly "ARRL Repeater Directory", P/N 8640, going for the extravagant sum of nine (9) dollars! This little book is probably the most popular publication the ARRL prints! In this directory, you will find listed every repeater active and on the air in the entire USA! Quite a feat, if you stop to think about it. This directory is updated every year, and should be in every mobile hams inventory. The ARRL also publishes a companion CD-Rom version called "Travel Plus for Repeaters", P/N 8657, which retails for thirty-nine (39) dollars that also includes repeater coverage maps, AM and FM broadcast stations, The ARRL net directory, grid square information, etc, etc... Quite the bargain for the mobile ham!

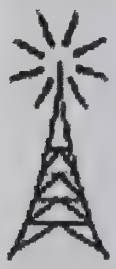
Next on my personal list, at number three would be the "ARRL Operating Manual" P/N 7938, this book is retailing for twenty-five (25) dollars, and it is a bonanza of good operating information! This is the one reference that gets used daily in my shack, simply because it has information on almost any aspect of Amateur radio operating, from AM to AMTOR, CW to SSB, Packet to PSK, this book has it all! There are chapters on DXing, Repeater operations, Antennas, Basic Electronics etc. The list goes on and on. This book is also updated constantly to reflect current trends in Amateur Radio. I have been getting new versions of this manual about every five years or so, and this works to get coverage on all new modes of operation.

So far we have covered the essentials. Now we will look at a few of the nice to have books. Do not be too concerned about the prices listed here. Most of these books are available only to the Amateur hobbyists, and this keeps the prices up, but I can guarantee that each of these books is well worth the price of admission. I would be remiss if I did not mention the price, but keep in mind that most of these manuals will be useful in the shack for many years.

So, next on my personal list would be a copy of the grand-daddy of them all, "The ARRL Handbook" P/N 1921 in soft cover and P/N 1948 in hard cover. The handbook is a very hefty tome, and goes for a premium price. The soft cover version goes for Thirty-four dollars and change (34.95) and the hard cover version is almost fifty dollars (49.95)! But this book has been the Amateur radio bible for eighty years! It has been continuously updated and in print since 1926. If it involves radio, it's in the "Handbook"! This is a book for the serious ham.

Next recommendation for the serious Amateur operator would be a copy of "The ARRL Antenna Book", now in its 19th edition. This book covers all aspects of antennas, from design to installation and use. This book is a constant source of inspiration for all of us. I have used my edition countless times for antennas ranging from simple dipoles and verticals to towers and beams! All in all another winner from the ARRL press.

Well, that will be all for this session. In the future, I hope to review various Amateur publications, and hopefully I can help you make some choices of where to spend your time and money in the Amateur press. There are many choices to make, and I hope to discuss some of them with you. The next edition will cover some of the other fine publications available to you for upgrading, continuing



RCT VE TESTING

EVERY SECOND TUESDAY OF THE MONTH

AT THE CLUBHOUSE AT 7 P.M.

Anyone wanting to take any element of the amateur radio tests is welcome - ***no reservations needed.***



RADIO CLUB OF TACOMA 147.28 MHZ

TUESDAY EVENING NET CHECK INS August 2003

CALL SIGN, NAME, # OF CHECK INS

NET CONTROL STATIONS:

SEPT 2 KK7QS SEPT 23 K7BUD

SEPT 9 KA7IOX SEPT 30 WG7X

SEPT 16 WG7X

N1VO	BOB	2	KC7JPJ	BRUCE	1	KK7QS	MICK	2	KD7UBE	STEVE	1
W6NBD	MAC	1	AC7JY	FRANK	3	KK7QW	PETE	1	KD7UBI	DAVID	5
W6PWR	DICK	1	AC7KQ	RAY	2	KD7QYS	TROY	3	KD7UBO	PAUL	1
KD7AAG	MARK	1	KB7KSY	EDITH	1	KD7QYU	JUD	3	KD7UKG	NYATH	2
AD7AB	STEVE	2	KC7LDE	MARK	2	W7RGD	DICK	1	KD7UYO	TRAVIS	1
N7ANF	RICH	2	AC7LK	JOHN	4	K7ROL	CAROL	2	KC7VUM	LOU	2
KC7BAL	TRESSIE	1	W7LKG	RICK	2	W7RQ	JOE	2	W7WG	WORTH	4
AC7BU	AL	5	KD7MVG	RAY	1	W7RW	ANDY	4	KD7WHA	LAVINA	1
K7BUD	BUD	2	KD7NES	GWEN	5	AE7RW	RICH	1	AB7WJ	BILL	1
W7BUN	JERRY	5	KD7NUV	MICKEY	4	W7SKI	BOB	1	KD7WLT	LYNN	1
W7DK	RTC	1	WA7OHG	WADE	5	KB7SVU	ALAN	1	AC7WW	JOHN	4
W7EC	HAL	5	KC7OKN	SCOTT	1	KD7SVX	JEAN	5	WG7X	GARY	5
WT7G	JOHN	3	KC7OKS	ED	5	KD7SXU	GARY	4	KB7ZDR	MICHEAL	2
KD7IGY	WILMA	1	KB7QAG	JEFF	4	KD7SXZ	RODDNEY	2	KC7ZWG	MARTY	2
W7IMW	JACK	3	KD7QBF	MIKE	1	KC7SYW	MARY	2	K8RN	ROGER	1
KA7IOX	SCOTT	3	KC7QFG	STEVE	1	KD7TJE	JIM	3	W9BYH	BILL	5
K7ITX	DICK	4	N7QHW	SHIRLEY	3	KD7TQW	LARRY	3	N0EYK	KATHLEEN	1
K7ITY	ELIZABETH	2	N7QHX	TOM	3	KD7TQX	ADAM	2			
WA7IVO	NICK	1	AC7QN	CHUCK	1	KD7TRA	RANDY	3			
KC7JME	NORA	4	N7QOZ	BOB	5	KD7UAA	BOB	3			

Elmer Board

Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members' areas of interest.

1.Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment
12. IRLP

Name/Call Sign /Phone Number/ Help with topic

Jerry, W7BUN	253-845-7652:	1, 4, 6 9,1 0
Alan, KB7SVU	253-840-4947:	4, 5, 10
Frank, N7UO	253-752-8520 :	2, 3
Roger, WA7ANJ	253-475– 4293:	1, 2, 3 ,4, 7, 8, 11
Angela, KC7EQ	253-584-2228:	2
John, AC7LK	253-984-6709:	3, 4, 8,10, 12
Mick, KK7QS	253-891-6950 :	12

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the Elmer

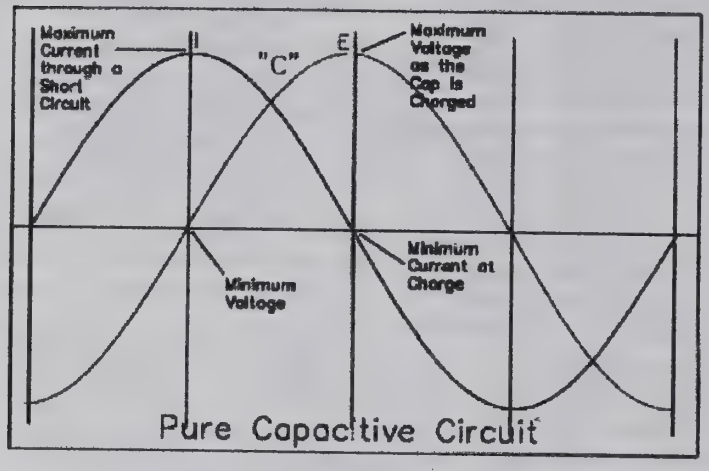
Mini-Swap Meet at the Clubhouse

Last Saturday of each month Mini Swap Meet at the Clubhouse ... 10 a.m. to 2 p.m.....There will be food (hot dogs, etc.) ...Bring in your items you want to swap or sell or stop by to see what others bring.

TECHNICAL HELP by Dave Funk WA7RSO

Rising Current through the Inductor:

To begin with, taking advantage of "a picture is worth a thousand words", let's see just how easy it is to make a basic chart that will show us how this all works. Take a look at the basic "C Grid", and keep it handy for the following discussions, and the we'll see just how easy it is to use this plot to gain very important information for those Time-Constants.



As we start to put information points on this chart, here is what they represent. We have an inductive element that is placed in series with a resistance that is in series with a voltage source. What we will discover is that the current increases through the inductor at a non-uniform rate, and that more specifically, there are points in time (called Time Constants) where the rate of current through the inductor will increase as time goes on. Theoretically, the current through the inductor really never reaches the full amount allowed by the source and the series resistance combination! Let's assume a source of 100V DC and a series resistance of 1K ohms, which would give us a maximum current of 100ma. What we will find is that at the *1st Time Constant*, the current through the inductor will increase to 63.2% of the maximum current provided by the source, and limited by the series resistance. Note that the remaining current, which is the difference between that flowing through the inductor at this instant and the maximum current, is 36.8ma (100ma-63.2ma).

Special Note: The actual figure is a little above 63.2%, as actually 63.21206%, which accounts for the apparent number discrepancies you will find below. To plot the correct values use the values shown.

Next we will find that at the *2nd Time Constant*, the current through the inductor will increase by 63.2% of the remaining current (that 36.8ma), and above the existing current value(63.2ma). We find that this is therefore 63.2% of that 36.8ma, which will give us 23.26ma to add on to the currently existing 63.2ma to give us a new current through the inductor of 86.7ma. We would calculate our remaining current as 13.5ma .

Next we will find that at the *3d Time Constant*, the current through the inductor will increase by 63.2% of the remaining current (that 13.5ma), and above the existing current of (86.7ma). We find that this is therefore 63.2% of that 13.5ma, which will give us 8.5ma to add on to the currently existing 86.7ma to give us a new current through the inductor of 95.0ma. We would calculate our remaining current as 4.98ma .

Next we will find that at the *4th Time Constant*, the current through the inductor will increase by 63.2% of the remaining current (that 4.98ma), and above the existing current value (95.0ma). We find that this is therefore 63.2% of that 4.98ma, which will give us 3.14ma to add on to the currently existing 95.0ma to give us a new inductive current value of 98.14ma. We would calculate our remaining current as 1.83ma .

Finally we will find that at the *5th Time Constant*, the current through the inductor will increase by 63.2% of the remaining current (that 1.83ma), and above the existing inductive current value (98.14ma). We find that this is therefore 63.2% of that 1.83ma, which will give us 1.16ma to add on to the currently existing 98.14ma to give us a new current though the inductor of 99.33ma. We would calculate our remaining current as 0.67ma.

Now, if you happen to have a "French Curve" or such variable curve drawing tool (actually, you could just about free hand it), you can draw in an approximation of this curve, at least close enough to show the ideas that we want to present.

Falling Opposing Voltage (CEMF) of the Inductor:

An equally important consideration is that as the current through the inductor rises, the opposing voltage will diminish in the same logarithmic fashion, following the same curve, except that it is inverted and falls. This opposing voltage, created across the inductor, is called "Counter-Electromotive-Force" (CEMF), which starts out high and then diminishes (rapidly at first).

To help understand a couple of key issues here, we need to grasp an often overlooked feature. Where it's easy to see that the current through the inductor is initially zero when we begin, most of us fail to realize that *this same inductor is initially an open circuit.* To have an open circuit of course, means that the inductor must create an opposing voltage equal and opposite to that of the source. As time progresses, and the current though the inductor rises toward the 100% mark, the opposing voltage diminishes toward 0% from 100%.

(continued on page 14)

Inductive Reactance:

Inductors do not like Current Changes, and they "REACT" by "*creating opposing voltages to the change across the inductor*" when the current through the inductor is increased, and then the inductor "*gives back*" the energy when the current through the inductor is decreased, to attempt maintaining the current at a constant value. When you consider this basic feature of the inductor to absorb or give back this energy, remember that the "time element" is a key factor. We saw where the initial changes were those that had the most impact on current changes. The rapidity of changes will involve this "time element" by appearing as lots of initial changes in a short time frame, in that the faster these occur, the greater the energy changes within that time frame (remember how the greatest changes occurred at the beginning). Considering that the more often these events re-occur, the greater will be the average current flow of the inductor. This translates to an apparent "Higher Ohms", as a resistor of higher ohms would inhibit more current from a voltage source. The formula for Inductive Reactance (X_L=2*pi*fr*L) shows that when the frequency (fr) is increased, the X_L (expressed in ohms) will increase. In the same respect, increasing the amount of inductance for any given frequency will cause X_L to increase in ohms ("pi" is ~3.14159).

Note that although we are using a set of curves (one for the rising current and the other for the falling voltage), a facet of truth is that we can look at a small segment of a curve as a slope. This slope can be related to frequency, in that low frequencies have a low rising slope, and high frequencies have a high rising slope. Compare these factors with what we saw earlier with "Capacitive Reactance".

Phase Angles:

When we realize that with these two curves, where the increasing current starts at 0ma, and the opposing voltage (CEMF) starts at the maximum value, this is equivalent to a current sine wave and a voltage sine wave that are 90° out of phase with each other. At the instant that the voltage sine wave is at it's maximum voltage, the current sine wave is at it's minimum value. With that same concept, with these same two curves, where the increasing current has peaked, the opposing voltage (CEMF) has diminished, this is equivalent to a current sine wave and a voltage sine wave that are again 90° out of phase with each other. At the instant that the current sine wave is at it's maximum current, the voltage sine wave is at it's minimum value.

If we are dealing only with pure inductance, then the resulting phase angles between voltage and current are at the 90° indicated, but if any resistance is involved, the resulting phase angle (for the circuit as a whole) will be altered from the 90° of pure Inductive Reactance to something less than the 90°. Compare this resulting "Phase Angle" from the earlier Capacitive Phase Angles.

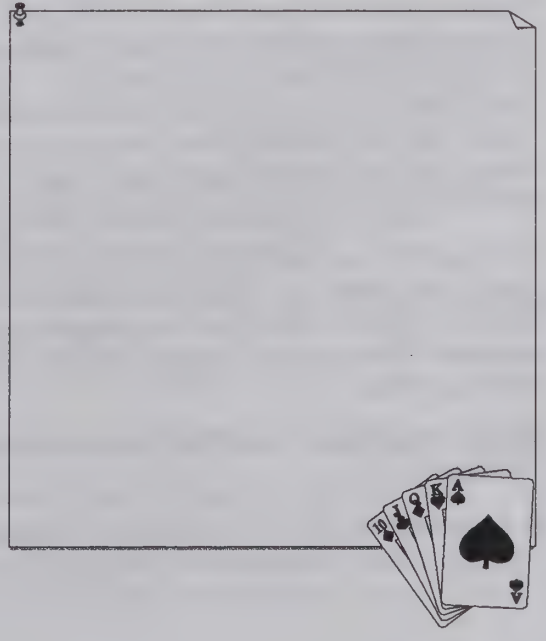
How this all fits in with Impedance.

Impedance here is the result in the Ohms of the Inductive Reactance that may exist, and the combination with any Resistance. Remember that the Inductive Reactance in Ohms is a result of the frequency applied to the amount of Inductance. Since there is a phase angle of the current through the inductor vs. the opposing voltage across the inductor of 90°, and the phase angle of the voltage across the resistor and the current through the resistor is always 0°, the combination of these two will result in ohms that are not simple series or parallel computations. The phase angle will always be some value between 0° and 90°. This is why, on a Vector Chart, that the values associated with the capacitance are at 90° to those values associated with the resistance. This simply means that with any given LR circuit, that the resulting Impedance and Phase Angle will vary with the applied frequency.

Later, we'll look at "Special Effects", caused by variable Constant Current Sources feeding Inductive Circuits.

Pacific NW Hamfests

November 8, 2003. Mount Baker Amateur Radio Club Flea Market, Bellingham, WA.
http://www.qsl.net/k7skw/fleamarket.htm .
Info, contact k7iey@netscape.net
Information copied from the website of N7CFO.
This is the last Hamfest listed for this year. So take advantage, they will resume in February.



THE LOGGER'S BARK

Radio Club of Tacoma, Inc.

P.O. Box 11188

Tacoma, WA 98411

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December, 2003 EVENTS

Merry Christmas



Dec 3- Board Meeting, 7:30 p.m. Clubhouse - All members welcome

– License Testing - 7 PM, Clubhouse

December 10- Club Meeting - Library Administration Center, 7:30 PM

NOV 20- BARK deadline - PLEASE *please* get articles, columns, etc. in by that time!

December 24 *NO* Club Meeting - Due to the Christmas Holiday

- Support OUR club - Attend meetings, volunteer, Elmer.
- Check in to the 2-meter Net every Tuesday night at 7:30, on 147.28. Hear additional information on programs and other events.
- Check in on the 10 Meter Net every Sunday evening, 8 PM, on 28.375 MHz USB

W7DK December 2003 EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3 *BOARD MEETING 7:30 P.M.* Lucas Howell KB7QBD Hal Stahlhut W7EC	4 *QRP ARCI Topband Sprint* Joe Douglas KC7FF	5 *AARL 160 Meter Contest* Roy Brook W7RTB	6 *OPEN HOUSE 9AM-2PM* *No-code TECH CLASS* *CLUBHOUSE* **ANNUAL RTC CHRISTMAS DINNER** **T.A.C.I.D. BUILDING** **6315 S. 19TH , 6-9 P.M.** PINOCHLE 7 P.M. –CLUBHOUSE Jerry Bennett KD7OPE
7 *10 METER NET 28.375 MHZ 8 PM* *No-code TECH CLASS* *CLUBHOUSE* Frank Palmer AC7JY	8	9 *147.28 NET 7:30 PM* VE LICENSING TESTING 7:00 P.M. CLUBHOUSE	10 *RCT CLUB MEETING* Cathy Morton KD7SXX	11	12	13 *OPEN HOUSE 9AM-2PM* *AARL 10-meter Contest*
14 *10 METER NET 28.375 MHZ 8 PM* Bill Drum KJ7KT	15 Ray Riso KD7MVG	16 *47.28 NET 7:30 PM* Danny Hermosillo W7TEL Ken Scott KB7UTX Jerry Seligman W7BUN Rob Stewart WV7QCS Jim Swanson DK7TJE	17	18 Bob Gates JR KC8AZ	19 Happy Hannukah *OK DX RTTY Contest*	20 *OPEN HOUSE 9AM-2PM* Sandy Newhouse KD7HYT
21 *10 METER NET 28.375 MHZ 8 PM* Randy Myers WB4SPB	22 Mark Rhoden KB7PKD	23 *147.28 NET 7:30 PM* David Dodd WB7ANJ	24 *NO Club Meeting This Night* *CHRISTMAS EVE*	25 Christmas Ricardo Pradel N7UFB	26	27 *OPEN HOUSE 9AM-2PM* *Original QRP Contest, CW*
28 *10 METER NET 28.375 MHZ 8 PM* Frank Kerton KB3NV Chuck Souter KA7HJN	29	30 *147.28 NET 7:30 PM*	31 *NEW YEAR'S EVE* *Straight Key Night*	1 *NEW YEAR'S DAY*	2	3 *OPEN HOUSE 9AM-2PM*
4 *10 METER NET 28.375 MHZ 8 PM*	5	6	7	8	9	10

HAPPY BIRTHDAY CLUB MEMBERS

radio club of tacoma W7DK

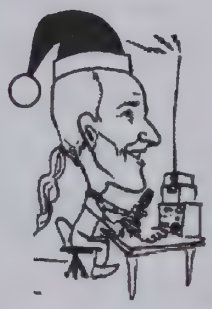
THE LOGGER'S BARK

SPECIAL SERVICE CLUB

VOL. XXXX NR. 12 W7DK December, 2003

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FROM THE PRESIDENT, MICK KK7QS

As I sit here and think about the past year, I can't help but wonder where we will be this time next year. I can see all the accomplishments we have experienced throughout the past year. I can only speculate what we might see in the year to come. I hope we can keep moving forward with the advancement and promotion of our club as well as we did this past year. Participation has increased tremendously on activities and projects at the clubhouse . It is a good thing we turned our empty lot into a parking lot. We fill it every Saturday for our open house. If you have a chance you should stop by. There is always someone there on Saturdays to help you with programming that new radio when that manual just doesn't make any sense, or help you make that first HF contact, or just chew the rag for a while (you know, the good old eye ball QSO). You can't just sit at home and let us have all the fun. Come join in. Help us shape our club.

Christmas party December 6th. The Radio Club of Tacoma will have it's annual Christmas party / awards banquet at the TACID building. (Same place as last year). Please try to make it. There will be lots of good food and fellowship. This is the time of year we set aside to thank all those folks that have spent their valuable time helping our club become what it is today. We also will be officially welcoming in the new elected officers and board members for their 2 year terms. So bring your apatite and a dish to share. Come join in. We will also be drawing for our annual grand prize. This year it is a MFJ-269 antenna analyzer. This analyzer covers 1.8 through 170 MHz and 415 through 470 MHz. Analyze HF, VHF, and UHF all with one piece of equipment. Winner will be drawn from tickets accumulated throughout the year at club meetings. The winner must be a radio club member but does not have to be present to win. Last years winner was Al Burleson K7HW. Al won a duel band mobile transceiver. Could this years prize be yours? Don't miss out on your chance to see.

Many clubhouse activities coming up. The club will have many activities you can participate in this upcoming year. If you have ideas of would like to help out with anything please contact me or any of our board members. Our names and phone numbers are listed on the next page.

73 de kk7qs Have fun! Volunteer!

Every Saturday the Clubhouse is open from 10 a.m. to 2 p.m.

From the Editor

Welcome to Murphy's World. After several months of pretty smooth going, what could go wrong-did go wrong with last months Bark issue. The Calendar was printed in the wrong format so several dates were cut off, and a few pages were just missing. And a few articles and ads didn't turn out as planned. Which goes to show this thing is done by humans from start to finish. The missing pages are included in the back of this issue.

"73"

Dawn KC7VZM

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PUBLISHER W7DK PRESS AC7WW 253-475-5854

Announcements

Election Results:

Vice President - Jill Palmer K7JIL

Secretary - Ed Root KC7OKS

Board Members - Bill Jonez AB7WJ

Gary McAdams WG7X

Ray Winter AC7KQ

Annual RTC Christmas Party

Saturday December 6th, 6p.m.-9p.m.

T.A.C.I.D. Building 6315 S. 19th ST

(on 19th near Mildred)

Potluck, club will provide Turkey & Ham, coffee , pop and tableware.

Bring anything you please, hot dish, salad or dessert

Door Prizes and Fun await you!

CLUB MEETINGS: 7:30 PM 2nd & 4th Wednesdays of each month at the Pierce County Library Administration Building, 3005 - 112th Street East, Tacoma, WA

W7DK/Radio Club of Tacoma

147.28 / .88 MHz (PL 103.5)

147.38 / .98 MHz (PL 103.5)

144.97 - Packet

440.625 / 445.625 (PL 103.5)

The R.C.T. Clubhouse is located at 1249 South Washington Street, Tacoma, Washington. Mailing address for all Club business: Post Office Box 11188, Tacoma WA 98411 253-759-2040

Regular Membership Fees for FULL Members, except students, Family Members and Senior Citizens is $30.00 per calendar year. 1st 2 Family Members of the same household will pay $15.00 per calendar year. Full time students, up to and including seniors in college, ½ the fee for Full Membership ($15.00). Membership fee for Senior Citizens (65 and over) is $25.00 per calendar year. Lifetime membership: 20-times the appropriate annual fee. E-mail all articles & advertising to thebark@comcast.net or mail to Dawn Pier, kc7vzm, 308 118th Ave. Ct. E., Edgewood, WA 98372. Subscription rate for Non-members $7.00 per year (12 issues). Commercial Advertising per issue: $60.00 full page, $30 per one-half page, $15.00 per quarter page, Business Cards $5.00. Advertising moneys help offset the costs of publication and mailing. Swap and Wanted Column articles are free to R.C.T. members. *The Logger's Bark* does not verify or guarantee statements in the Swap or Wanted columns. Permission is granted to use any or all portions of articles published in *The Logger's Bark* if credit line i included in the report.

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The Radio Club of Tacoma is a non profit organization as defined b law, and all proceeds will be used exclusively for charitable and edu cational purposes.

Radio Club of Tacoma Meeting Minutes

General Membership Meeting
October 22, 2003

Meeting opened at 1930 hours with the Flag Salute led by Mick, KK7QS.

Introductions were made around the room.

Illness or Silent Key: None reported

Correspondence: Membership renewals, Bark subscription, bills, group fund statement, newsletters, bank statement, address corrections, and ads.

Treasurers Report: In the Bark

Announcements: John, AC7LK, talked about awards, David, KD7UBI, told us that Field Day results were on the ARRL web site. We did better than last year. Jerry, W7BUN, asked people to start their renewals now. He also announced upcoming programs and classes.

Program: John Ellingson, Call not recorded, gave a program on restoring old radios.

Tuning and Traffic: There was a contact on 15 meters CW with Gary, W7DO in South Carolina where he moved to.

Hints and Kinks: Dick, K7ITX, showed his 2 meter DF loop, and Rich, N7ANF spoke of the Christmas party.

Good of the Order: Mick, KK7QS, read an e-mail from George, KK7FM, from his new home in Iowa. Worth, W7WG, thanked all who helped him with the antique display at the North Kitsap HamFest.

Drawing: 7 function multimeter won by Al, W7HW, who redonated it and it was won by Bob, W7SKI. Main prize a Kenwood 520SE won by Phil, w7PFZ

Number signed in as present was 74.

Adjourned at 2105

Board Meeting November 5, 2003

Opened at 1932 by Mick, KK7QS

Minutes: Approved as written.

Correspondence: Ballots, membership renewals, ads, newsletters, phone bills, bank statements, address corrections, license renewal for generator trailer, and 440 repeater coordination.

Treasurer: In the Bark and a report was passed out.

Committee Reports: Health and Welfare, Jill, K7JIL, reported that WA7HIN, from HotPress has leukemia. Eddie, KA7LGV, has prostrate cancer. Mick stated that the 4th Wednesday meeting in December will be cancelled. It is the 24th. Doug, our librarian sent a report that it was going well on the inventory. Nick, WA7IVO, spoke of some recommendations that Doug made for duplicates. Planning Committee, John, AC7LK, they are in the first stages for putting in for a grant. He also told of a CW interest group that is being formed by Rich, AE7RW and Erik Quist. Todd, KD7NPT, is arranging to have a TV crew come and do some coverage of our activities. We won't invite Bart Ripp. Judd, KD7QYU asked about the status of the free membership for recent licensee's who join the club after taking our class and passing the test. Nick, WA7IVO reported that the repeater upgrades are coming along well. Frank, AC7JY, gave a report on our HamFest. We made $3,246.01 profit. Steve KD7QYS, gave the club a flagpole.

Old Business: Frank, AC7JY, reported on progress on building the storage shed next to the garage.

New Business: Discussion on the need to have our property surveyed. It was agreed that we needed to do this. We will check on prices. Mick, KK7QS, suggested that we get the Bark in PDF format so it can be downloaded from the web. Judd, KD7QYU, mentioned the problem of bringing up the autopatch and the need to have control operators available.

Good of the Order: Christmas Party on December 6th at TACID. Potluck.. Jill, K7JIL asked for input on the grand prize for the party.

Present: 16 signed in as present.

Adjourned at 2058

Radio Club of Tacoma

Treasurer's report for October 2003

(Minutes Continued on page 6)

AARL RCT VE Team Report by Shirley Murphy N7QHW

November VE testing consisted of one test session.

Eleven people tested in the month of November. Out of the 11 people, 3 people achieved an upgrade. Overall, there were 11 test elements given. 4 were passing and 7 failures for a percentage rate of 36% passing.

Achievements included 1 General Class license and 2 Extra Class.

Congratulations are extended to Radio Club Member Judson Morris IV who upgraded to General Class.

Thanks to the VE Team members who helped make the testing session run so smoothly. It is very much appreciated and couldn't be done without you.

73, Shirley, N7QHW,
Radio Club of Tacoma VE Team Liaison

If you know anyone in the club who could use a word of cheer, congratulations or condolences, please contact Jill Palmer, K7JIL, 253-539-7772 or e-mail hamtalker2@msn.com

Museum Musings by Worth W7WG

The Museum group once again, at North Kitsap Amateur Radio Club's urging, had an exhibit at their Flea Market at the Kitsap County Fair Grounds next to the horse barns and many other outdoor activities. I thought our RCT Museum had been putting on our display there for four or five years. They believe it is closer to ten years. Time marches, actually jogs on, in your antique years.

They invited, almost begged, us so earnestly we just had to be there. It is a wonderful example of amateur radio inter-club cooperation. The help I received to compensate for my last-minute planning was a great example of amateur radio intra-club cooperation. Ed Root KC7OKS and Harry Wong N7DOE helped select, and then carried old antique radio things up and down the old, creaking radio club stairs.

[Meantime, I was able to creak myself up and down those stairs empty-handed.] Rich Manson N7ANF collected material for his impressive live R.F. demonstrations of nodes and loops, zepps and j-poles.

When we arrived at the Kitsap Fair Grounds, the NKARC members hospitably greeted us with name badges, tables, an operating antenna, more help. As arranged, Mike Wingren KD7QBF joined the group to set up the displays, banners, etc.; Chuck Kemmer AC7QN displayed and explained the VHF/UHF RCT accent of Dege Peak on side of Mt Rainier; and Bruce Franklin K7DYY demonstrated his 1930s' Forest Service portable AM transceiver using small tubes. Bruce, the designer and manufacturer of QRP Plus a few years ago, also showed me his latest creation, a very, very small 1 kW linear amplifier. I urged him to display it along with everything else. It created much interest, even by the ICOM people nearby. That little Class E amplifier reaches 90% efficiency and could result in a kilowatt amateur transceiver the size of the present smaller 100-watt rigs. I believe that would make a very interesting Club program. Several members of the NKARC made a point of coming over and thanking us for, once again, bringing our radio antique road-show to their flea market. Members of that club donated the "Old Oak Rig", a genuine antique, to our RCT Museum. A group of older members came over from Kitsap one Saturday to view it and the other old equipment. They were greeted by Morel, Mac, Lou Simmons, and others who were so active at that time upgrading the museum (along with the rest of the clubhouse) and the old transmitters and receivers to simulate the "old days". We hope to continue this fine relationship. At the end of our recent trip Harry made a startling suggestion: "Next year we must Plan Ahead!" With the present high activity (which we hope doesn't follow the sun spot cycle) in our Club it again is envied by others. With great advances by the Club into modern techniques I was glad to hear that Rich AE7RW efforts to get started a self-construction of a receiver and QRP rigs and later using them in a little local cw net. That would bring back some of the thrills of the "old days" when our rigs were, unintentionally, QRP; and any answer was a great occasion. It also would preserve the historically important and unique communications technique of International-Morse Code. As some recent printed comments pointed out, sailing is still very important even though wind-powered ships are no longer used in commerce to move freight and people. Next month I hope to write more details of Mac Park's W6NBD wonderful life and career, so much directed by his hobby of amateur radio, including his patented tuning stub. I hope others will write about their life, obviously somehow related to amateur radio. I recall very interesting accounts by: the late Max Bice in local radio and TV broadcasting; George KA7HE in SE Asia combining amateur radio and missionary efforts in Viet Nam, Laos, and Thailand; Morel W6LIX where amateur radio led to a distinguished career as airline captain with UAL including a mid-air hijacking under the old rules; and others.

What about YOU?

Forward to the Past: Amateur Radio during the Last Century

December Challenge of the Month submitted by David KD7UBI

Q. If your output power is 600 watts you have 2.3 dB loss from an antenna tuner, tvi filter, and line loss and you have a Beam with a 10dB gain what is your total effective radiated power? You can email me the answer at kd7ubi@arrl.net

2003 HAMFEST REPORT

Income:		Radio Prize	$379.95
Table Sales:	$2,200.00	Duct Tape	$5.43
Admission Sales`	$1,965.00	Vests	$54.13
Raffle Sales	$325.00	Table Rental	$413.44
Country Store	$506.50	Cadets	$100.00
Food	$150.47	Power Strips	$29.00
Total Income	**$5,148.97**	Custodial Wages	$289.95
Expenses:		Supplies	$317.25
Flier Mailing	$105.05	Thank you Dinner	$170.76
Stamps	$37.00	**Total Debts $1,892.96**	



General Membership Meeting
November 12, 2004

Meeting opened at 1930 hours with the Flag Salute led by Mick Pier, KK7QS

Introductions were made around the room.

Illness or Silent Key: SK, W7ZTG, Dennis Salantino.

Correspondence: Ballots, newsletters, membership renewals, ads, catalog, Tacoma city planning meeting, and address corrections.

Treasurers Report: In the Bark

Announcements: Rich, N7ANF, announced the Christmas party for Saturday, December 6, 2003 at the TACID building on 19th St. Show up to help at 5:30 PM party from 6 PM until 9 PM. Pot luck.. We will provide meat and beverages. Rich also requested someone to open the clubhouse on the first 3 Saturday's of December. Jill, K7JIL, announced that the grand prize to be awarded to a club member at the party will be a MFJ 269 HF through 70 CM antenna analyzer. Nick, WA7IVO, spoke of the operating party at the clubhouse this weekend. Nick also presented "Loggers Certificate's to Paul, KD7OBO, for 20 contacts, and to Harry, K7LAZ, also for 20 contacts. Jerry, W7BUN, announced that there would be a new Technician Class December 6, and 7, and that he is signing up people for advanced classes to be early next year. He also reminded us that now is the time to renew membership for 2004, and to please fill out the form. Next meeting, "Wall Paper", certificates that you can earn.

Program: N7CFO, Lynn Burlingame, keys, bugs, paddles, etc.

Committee Reports: Election Committee Reported the election results: VP is Jill, K7JIL,; Secretary, Ed, KC7OKS; 3 Board positions were, Bill, AB7WJ,; Gary, WG7X; and Ray, AC7KQ. There were 140 ballots returned.

Tuning and Traffic: Bands were lousy yesterday, but improving today.

Hints and Kinks: Rich, N7ANF, read a comparison between computers and cars.

Good of the Order: Harry, K7LAZ, announced that he was forming a on the air beginners code group being formed.

Drawing: Wire tie fariety pack won by Rich, N7ANF, and a multi function tester won by Wade, WA7OHG. 50/50 $46 won by Al, K7HW

Number signed in as present was 61

Adjourned at 2052

Treasurer: Chuck Kemmer AC7QN

Income:

Badges	$9.00
Book sales	602.00
Bark subscription	7.00
Classes	46.96
Door prize (3rd qtr)	304.00
Equipment sales (tower)	100.00
Membership (dues)	25.00
Total	**$1093.96**

Expenses:	
Badges	$22.85
Bark	91.85
Books	434.82
Field day, Puy. fair (equip)	98.73
Paint (garage)	126.15
Repeater	114.22
Clubhouse whiteboard	235.79
Total:	**$1124.41**
Net (loss)	**- $30.45**

Every Saturday the Clubhouse is open from 10 a.m. to 2 p.m.

Check in to the Tuesday evening Net at 7:30p.m. on 147.28 (the W7DK repeater) for the latest news and announcements from the club!

What Do you Do with A Rubber Ducky? By Rich N7ANF



Well here it is December already, time flies like an arrow and fruit flies like bananas. My Wife and I will be spending our Christmas out at 'camp #6 steam logging museum', at Point Defiance park, Doing the coffee, cocoa, hot cider and cookies. That will be the first three weekends of December. I'm still looking for someone to take Sat. the 6th at the club house. We'll get a key to you. Please call or e-mail. I've got Rodney KD7SXZ for the 13th, and Gary W7NTF for the 20th. Those two are usually there most of the time anyway. So, PLEASE, **PLEASE** and thank you.

The Christmas party will be the 6th of December this year, at the TACID building on 19th just south of TCC and east of the TCC bus lot. It's going to be from 6 to 9 pm on the east side of the building. Come about 5:30 for setup. Bring anything you like, dessert, salad, a hot dish, rolls. It always works out. We'll have free door prizes, and att'a boy and att'a girl certificates, for volunteer jobs well done. Jill, K7JIL will have the grand prize drawing of the year. We will provide turkey roast, soda pop, coffee, and plastic table ware, etc. I'm still looking for someone to do mashed potatos and gravy. Call me at 253-474-8883, PLEASE. Remember we're all in this together.

I finally got my 2 meter ringo ranger vertical fixed for the second time in a few years. When it comes crashing down, besides getting all bent, the center insulator gets busted in half. So a lot of TLC and fiber glass, she's all ready to go back on the roof on a 20 foot mast and a pulley for the low band antennas. I think it was last Oct. I said something about antenna masts and rust and cost. Well, I did some checking and here is what I found. Radio Shacks 10 foot, 16 gauge mast has ONE coat of paint and it rusts in one year. In 2 to 5 years it looks all brown and ugly. And it costs $14.99. Now Lowes or Home Depot has chain link fence 'top rail' same size and length no less thick, at least 16 gauge if not thicker and galvanized. You have a choice of swedged end or not. You usually don't see rusty fences even old ones. And at 15 dollars that would be a good deal, but they're only a little over 5 dollars. You still have to get your hardware at R/S, but you don't have to get their stupid mast there. Well there is always C&G. So have fun with RF.

See you next time, Rich N7ANF.
E-mail: n7anf@harbornet.com.

****

PINOCHLE & POTLUCK

See you at the clubhouse Saturday December 6th, 7P.M.

For more info call: 253-759-4898

Jack, WA7ENB & Marilyn Moore

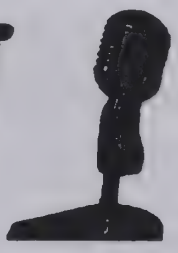




The next weekend class for Technician will be held at the clubhouse Dec 6&7th Contact Jerry W7BUN for details.

253-845-7652 or w7bun@wa.net

CQ CONTEST
W7DK - CONTEST



November ARRL Phone Sweepstakes, Nov 15 and 16

This contest operating party was initiated by John Robson, AC7LK; organized by Nick Winter, WA7IVO, who was assisted by Rich Patrick, AE7RW. W7DK's operating hours were: Saturday, 1:00 PM to Midnight and Sunday, 7:30 AM to 7:00 PM.

A large number of club members signed up for one-hour shifts to participate in this very popular contest. Some participants did not have any contest experience before this event and everyone came away with a taste amateur radio contesting. As I assisted various hams with the logging computer... I was surprised and excited to hear, "Get that guy! What about that one?" Once in front of the radio... enthusiasm and excitement followed.

The following club members participated in increasing W7DK's score: Nick- WA7IVO, David- KD7UBI, Mike- KD7QBF, Randy- KD7TRA, Roddney- KD7SXZ, Steve- AD7AB, Kyle- KD7RKV, Pat- KD7TRC, Gary- KD7SXU, David- KD7YPH, Worth- W7WG, and Rich-AE7RW. Please forgive me if I have left any operators out. John- AC7LK provided some tasty homemade chicken soup and Top Foods fried chicken. The Zebra Doctor provided me with comic relief.

W7DK's Score Summary. Our station was on the air for about 22 hours and made 293 contacts in 65 of the 80 ARRL sections, with a score of **38,090 points.** Contacts were divided pretty equally on 15, 20, 40, and 80 meters. No one band netted a significantly higher amount of contacts.

A slightly higher tech methodology was used at W7DK for this contest. Nick installed a boom microphone and a footswitch and Rich brought a PC for logging and recording and sending "canned" messages, i.e. ***"CQ Contest! This is W7DK, Contest!"*** The Antique Radio Room ladder line fed dipole antenna was connected to a tuner and cabled to the HF operating room for better hamming on 40 and 80 Meters.

W7DK Salmon Run Sept 20 and 21

The Washington State Salmon Run Contest took place at the Radio Club of Tacoma Club House on Saturday, Sept. 20, 0900-2400 PDT... and on Sunday, Sept 21, 0900-1700 PDT.

This RCT activity was planned by John (AC7LK), Jud (KD7QYU) and Rich (AE7RW) were co-hosts. Also, John and Rich acted as station control operators.

The following hams operated as W7DK during the contest: John (AC7LK),

Jud and his family: Jud (KD7QYU), Lupe (KD7VYL), Judson (KD7VJR),

Ray (KD7MVG), Pat (KD7TRC), Carol (K7ROL), Mark (KC7LOE) and YL, Lavina (KD7WHA), and Jim (K?6???- Sorry Jim), and Rich (AE7RW) on CW.

A number of projects were started or completed at the Clubhouse. Steve (AD7AB) pressure washed the garage on Saturday and painted it on Sunday. Rich (AE7RW) installed the mopboard along the floor in the classroom. Rich (N7ANF) removed unwanted foliage near the front porch. Rodney (KD7SXZ) and Mike (KB7ZDR) installed a pipe and chain gate between the clubhouse and the garage.

John (AC7LK) brought his BBQ/Smoker and cooked a very tasty salmon dinner with corn on the cob.

All participants and visitors had a great time. The contest went well even though there were lulls in propagation on the ham bands.

W7DK's Score Summary. Phone QSOs=390 for 780 Points, CW QSOs=83 for 332 Points. Total QSO Points=1112. Washington counties worked= 28. Total States and Provinces=54 (Worked All States was accomplished). 5 DX countries were worked. Counties + States and Provinces + DX equals 87 multipliers. 500 bonus points were awarded for contacting W7DX, the sponsor's club station. W7DK's final score was 97,244 points. After I submitted the score to W7DX, The Western Washington DX Club, I received a reply that complimented our high score.

Thanks to all who participated, de Rich AE7RW

ARRL Publications for the New Ham.

(And some not-so-new hams!) Part II

by Gary McAdams WG7X

Hello again folks!
In our last installment, we looked at some of the most popular and "must have" publications available through the ARRL. This time, we are going to look at some of the lesser known, but still useful books available for the average ham. This time I'll leave off the part numbers, but I will indicate prices as shown in the latest issue of the winter 2003-2004 catalogue. This catalogue is available from Jerry, W7BUN at club meeting and at the Saturday open house. Just ask him, and I'm sure that he will have a copy for you.

Since we left off with antennas last time, let's go back to that ever popular subject! A very nice series of books is the Antenna Compendium" Volumes 1-7. These are a collection of do-it-yourself articles from fellow hams. The first volume retails for ten ($10) dollars and the others go for fourteen ($14) dollars. The first few issues were a little rough around the edges, being mostly photo-copies of articles sent to the ARRL which did not make it into QST. As the series continued the editing and typesetting became more professional and polished. The books are a good source of antenna ideas, and they allow us to see how the other fellow managed to get his antenna up and working.

Along the same lines, we have to look at where the sunspot cycle is taking us. This is important when we plan our antennas and our activities in the coming years. So, I want you to look at "ON4UN's Low Band DXing" available from the ARRL for twenty-eight ($28) dollars! This book goes into exhaustive detail on how the big guns and little pistols go about snagging the elusive DX on the low bands. Author John Devoldere is a well known low band DX enthusiast, and he is giving us the lowdown on the low bands! Where else can you see pictures of full-size three element Yagi antennas for 80 meters? How about that four-square for 160? It's all there and more.
For us little guns, we can at least read the theory, and think about what will best help us work DX on 40, 80, and 160 meters. John does go fairly heavily into the propagation and antenna theory, so the reading gets a little slow a times, but the end result should be worth it. I know I'm going to go back and re-read my copy!

As long as we're on the subject, Walter Maxwell's book "Reflections II" is a good read. This tome retails for a mere nineteen ($19) dollars! Another bit on the long winded side and heavy on the math, but all-in-all still a good reference work. Some of these heavy theory books should be available through the W7DK library. If they are not there already, maybe we should be thinking about adding them!

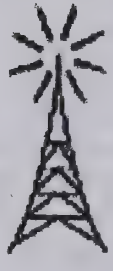
The ARRL has also imported some titles from the Radio Society of Great Britain (RSGB). One of the titles there, "HF Antennas for All Locations" by Lee Moxon G6XN has some very interesting ideas in it. Lee explores the world of folded antennas, making little bits of wire into directive beam antennas! All for little cost and with good results. He also explains how to shoehorn a full sized antenna into a small backyard. A little pricey at twenty-three dollars ($23), but well worth it for the yard challenged.

These are just a few of the antenna books available from the ARRL bookshelf. We will look at some of the other fine publications in follow up issues.

CU on the Bands!

Gary, WG7X





RCT VE TESTING

EVERY SECOND TUESDAY OF THE MONTH

AT THE CLUBHOUSE AT 7 P.M.

Anyone wanting to take any element of the amateur radio tests is welcome - ***no reservations needed.***



RADIO CLUB OF TACOMA 147.28 MHZ

TUESDAY EVENING NET CHECK INS August 2003

CALL SIGN, NAME, # OF CHECK INS

N7IVO	BOB	2	K7ITX	DICK	3	KK7QS	MICK	3	KD7UBI	DAVID	4
W6PWR	DICK	2	WA7IVO	NICK	2	KK7QW	PETE	1	KD7UBO	PAUL	2
KD7AAG	MARK	1	K7JIL	JILL	3	KD7QYS	TROY	4	KD7UDL	SEAN	1
AD7AB	STEVE	2	KC7JME	NORA	3	KD7QYU	JUD	3	KD7UYM	TONI	1
WB7AKE	KERRY	1	KC7JPJ	BRUCE	2	W7RW	ANDY	4	DK7UYN	DEBBIE	2
N7ANF	RICH	2	AC7JY	FRANK	3	AE7RW	RICH	3	KD7VJR	JUDSON	1
KC7BAL	TRESSIE	1	KB7KOA	GARY	1	K7SAA	ED	1	KC7VUM	LOU	3
KJ7BN	MARILYN	4	AC7KQ	RAY	4	S7SKI	BOB	4	KC7VZM	DAWN	2
AC7BU	AL	2	KB7KSY	EDITH	2	KD7SQR	DOUG	3	W7WG	WORTH	2
K7BUD	BUD	1	K7LAZ	HARRY	1	KB7SVU	ALAN	1	AB7WJ	BILL	1
W7BUN	JERRY	3	AC7LK	JOHN	2	KB7SVX	JEAN	1	KD7WLT	LYNN	2
KC7CBN	JACKIE	1	KD7NES	GWEN	3	KD7SXU	GARRY	4	AC7WW	JOHN	3
N7CEO	LINK	1	KD7NUV	MICKEY	4	KD7SXY	JIM	1	WG7X	GARY	2
W7DON	DON	4	KD7NYN	GENE	3	KD7SXZ	RODDNEY	4	KD7YPR	OLIVER	1
W7EC	HAL	2	WA7OHG	WADE	4	KD7TJE	JIM	2	KB7ZDR	MICHAEL	1
KC7EQ	ANGELA	1	KC7OKS	ED	3	KD7TQW	LARRY	3	W9BYH	BILL	4
WT7G	JOHN	2	KB7QAG	JEFF	3	KD7TQX	ADAM	4			
KB7IHB	BILL	1	KD7QBF	MIKE	1	KD7TRA	RANDY	4			
W7IMW	JACK	4	WB7QCS	ROB	1	KD7UAA	BOB	4			
KA7IOX	SCOTT	4	N7QOZ	BOB	4	KD7UBE	STEVE	4			

NET CONTROL STATIONS:

OCT 7	KK7QS	OCT 21	W7BUN
OCT 14	KA7IOX	OCT 28	K7BUD

Elmer Board

Do you need help with some area in ham radio? Here is a place to start... First is the listing of areas of support, followed by a list of members' areas of interest.

1.Technical questions, Classes
2. Help with Code
3. License Examinations
4. Antenna and Station planning
5. Antenna and Tower erection
6. Buying new or used equipment
7. Equipment repair
8. Understanding and operating your equipment
9. DX and Contests
10. Club and ARRL activities
11. Using test equipment
12. IRLP

Name/Call Sign /Phone Number/ Help with topic

Jerry, W7BUN	253-845-7652:	1, 4, 6 9,1 0
Alan, KB7SVU	253-840-4947:	4, 5, 10
Frank, N7UO	253-752-8520 :	2, 3
Roger, WA7ANJ	253-475– 4293:	1, 2, 3 ,4, 7, 8, 11
Angela, KC7EQ	253-584-2228:	2
John, AC7LK	253-984-6709:	3, 4, 8,10, 12
Mick, KK7QS	253-891-6950 :	12

If you are willing to share your time and knowledge with "newbees" and others, let us know and get on the Elmer

Mini-Swap Meet at the Clubhouse

Last Saturday of each month Mini Swap Meet at the Clubhouse ... 10 a.m. to 2 p.m.....There will be food (hot dogs, etc.) ...Bring in your items you want to swap or sell or stop by to see what others bring.

VOL. XXXX NR. 12 NEWSLETTER TITLE PAGE 11

Adventures in Old-Time Radio by Douglas E. Oakman KD7SQR

It really all started for me over 35 years ago, when I was a junior high school student. At the time, my father worked in Public Relations for the Collins Radio Company in Cedar Rapids, IA (occasionally even meeting with Art Collins himself!). I started reading the 1965 Amateur Radio Handbook at least a hundred times, but I never quite made it past the math! Nevertheless, I was very interested in radio, participated in the Collins Explorer Post, and built a three-tube, short-wave wonder in high school. Then, I wandered away from things technical for several decades.

Chapter 1 Until 2001. You see, the wife (Debbie, now KD7UYN) laid down an ultimatum: Either the kitchen goes, or she would not be staying in "that house"! The husband: Given a choice of moving all household junk or remodeling the kitchen "the decision seemed like a no-brainer. So we refinanced.

OK, the stage is set. Now, an old Telefunken short-wave radio set had come with the house. The radio didn't work (because yours-truly had brilliantly removed the power capacitors in 1989, then forgotten where they were supposed to go), but the spacious cabinet held all the liquor very nicely. Besides, Old Telefunken looked very impressive sitting in the dining room: A real conversation piece! But when things were moved out of the kitchen in preparation for remodeling, the microwave had to be set on top of the radio cabinet. Unfortunately, the extra weight collapsed legs on one side (microwave was just barely saved from a catastrophic fall).

This led to a second wifely ultimatum: Either the cabinet gets fixed, or the old radio has to go.

Chapter 2
So it came to pass that in early 2002, the future KD7SQR (not able to bear separation from his beloved, non-working radio) swore that not only the damaged cabinet, but the radio itself should be fixed (aside: this narrative is beginning to sound like "Lord of the Rings").

The writer's barbaric German was put to good use in drafting an email to a fellow in Europe who sold old Telefunken schematics. For a Model 1955 Kuba. Voila! er, Gesundheit! in a few weeks the schematics arrived. Ja, alles auf Deutsch. (Damn, what was that German verb?) Soon, internet searches located appropriate capacitors to replace the missing ones. One day, the power button was pressed (controls like an old push-button car radio), and the set came to life. The AM section wasn't too bad; FM worked quite well; but the short-wave section left something very much to be desired. And the Kurzwelle switch did not seem to make consistent contact. The legs on the cabinet were also (either ingeniously or inelegantly, depending upon your level of objectivity) repaired. In late spring, the set was standing proudly again in the dining room with some (mostly) operable features. Dum da dum dum: Murphy had been overlooked.

Chapter 3
One day, the author arrived home to an awful smell. Youngest teenage son, just home from work, sensitively and tactfully observed, "Dad, you Idiot, you just about burned down the house." Dad had neglected the sage advice of an old-time-radio restoration guru: Never leave an old radio set on while unattended! Telefunken, which had been working fine at lunchtime, incinerated its 1955 selenium rectifier sometime during the afternoon. This of course instantaneously fried the transformer, leaving a rather distinctive odor (stink) throughout the house. (Guess what the wife said.) Subsequent investigation showed that a shorted fuse holder had been missed during the renewal, leaving the radio power supply at the mercy of overdrawn current.

Discouraged, but not defeated, soon-to-be KD7SQR began in early summer 2002 a study of old power supplies. It occurred to him that local radio clubs might have advice on how to proceed with this new problem. A quick internet search turned up the website of the Radio Club of Tacoma. An email was dispatched. Scott NF7Y returned a very kind reply, including "You need to talk to Jerry Seligman." Over the phone not long afterward, Jerry kindly offered to take a look at the radio. The heavy chassis was bundled over to the W7BUN basement; there, the writer returned almost literally to the Collins Surplus Store so fondly remembered from youth.

Chapter 4
Jerry's advice helped to find a suitable modern replacement for the bridge rectifier, but the transformer (with an odd AC voltage) proved a little more difficult. A borrowed transformer gave too high a resultant DC voltage, and the author's meager knowledge of electronics did not lead to an effective voltage divider. Finally, another of the endless internet searches (with credit card costs escalating) turned up a surplus transformer with a suitable AC voltage rating.

At last, the set sprang to life again (June 2002). One of those mountain-top days, too bad there was another cliff ahead. The set ran for maybe ten minutes ... then smoked. What looked like a wire-wound resister attached to a tube socket had terminally overheated. Another trip back to Jerry's. Discussion and the schematics led to the insight that the "resistor" was really a wire-wound choke. Some available transformer wire quickly repaired the damage, component was resoldered into place, and the old rig fired up again. This time, finally, everything kept working, and eventually replacement tubes improved reception even on the short-wave bands.

Chapter 5
All of this persistence, effort, and networking renewed an old personal enthusiasm about radio. During the summer 2002, the author worked through the Technician book and Morse code. Elements 1 and 2 were passed in September 2002, and Element 3 in February 2003 (on the writer's fiftieth birthday). Today, KD7SQR is struggling toward the Amateur Extra Class license (algebra and trigonometry haven't gotten any easier since 1965). We'll see how that ends up.

Undoubtedly other readers have found similar excitement with old-time radio. There is something magical and mysterious about these devices that connect us through the Ether. In addition, a precious new network of friendships has come out of a simple decision to fix an old radio. And the amateur spirit of public-mindedness and public service has opened up new ways to serve the community. This author can only express gratitude to the many at the Radio Club of Tacoma that have contributed to this exciting journey. Thanks, especially to Jerry, and 73 to all.

DEC 10 UPCOMING PROGRAMS AT RCT DEC 25

WEDNESDAY, DECEMBER 10TH – THE FISTS SOCIETY

Harry Hudson, K7LAZ, will explain the FISTS Society goals:
1. To further the use of CW on the amateur bands.
2. To encourage newcomers to the CW mode.
3. To engender friendship within the membership.
Founded in 1987, FISTS now has a membership in the thousands and is worldwide.
FISTS members operate on the principles:
THAT ACCURACY TRANSCENDS SPEED,
TO USE COURTESY AT ALL TIMES,
AND WHEN YOU'VE WORKED A FIST YOU'VE WORKED A FRIEND.

WEDNESDAY, DECEMBER 25TH– NO MEETING CHIRSTMAS EVE

QSL Card of the Month

Submitted by Jerry W7BUN



Palmyra is near the very center of the Pacific Ocean or about 1000 nautical miles south-southwest of Hawaii in the North Pacific Ocean, or about one-half of the way from Hawaii to American Samoa. The island measures approximately a mile and a half in length by a half mile wide. Palmyra was purchased by The Nature Conservancy in January 2000. For now, TNC has designated Palmyra as a research site for scientists from the University of Hawaii and a range of smaller research institutions in the hopes that conservation efforts will be successful. Palmyra has a reputation for being a cursed island. Many travelers have died or been injured since the island was first discovered. It appears that the curse held true for Dave, K6LPL, a California doctor who organized the expedition.

The Ill-fated Story of the 1980 Palmyra Island Expedition

JAN. 5, 1980 - Crashed on landing at Palmyra. Jan, WABYQW, was seriously injured in the crash. The Coast Guard, with a C-130 arrived and evacuated Jan to Hawaii. The team decided to stay and Palmyra was put on the air.

JAN. 11, 1980 – Dave, K6LPL was seriously injured. The Coast Guard arrived again with a C-130 and the entire team left Palmyra. 15,000 QSOs were made from Palmyra.

Coast Guard officials were very upset having to make two trips to Palmyra for a ham radio expedition and warned that they will not support any further efforts to gain permission for a team to travel to the island.

JAN. 12, 1980 - K6LPL received 4 hours of hand surgery in Hawaii.

JOIN THE EXCITING WORLD OF HAM RADIO!

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FOR

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IN ONE WEEKEND

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And
Sunday, December 7, 2003

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Jerry Seligman - 253-845-7652

Course Fee - $10 (For Handouts and Refreshments)

Books are available for $20

Examinations - Tuesday, December 9 - 7 PM - $12.00 Fee

News From The AARL By Jerry W7BUN

AUSTRALIA WILL DROP MORSE REQUIREMENT JANUARY 1

Australia is the latest country to announce it's dropping Morse code testing as a licensing requirement. The Australian Communications Authority (ACA) <http://www.aca.gov.au/> says it will eliminate the Morse testing requirement starting January 1.

"This decision was made considering public comments at the meetings and initial analysis of submissions to the discussion paper," the ACA said, adding that it would make interim changes to its rules to allow immediate access to privileges previously available only to those satisfying the Morse proficiency requirements. The change will give holders of Intermediate and Limited Amateur licenses access to the same frequency bands as Unrestricted Amateur licensees, and holders of the Novice Limited Amateur license access to the same frequency bands as Novice licensees.

The Wireless Association of Australia <http://www.wia.org.au/> says dropping the Morse requirement will mean no changes in existing licenses or call signs. WIA President Ernie Hocking, VK1LK, urged hams in Australia who don't yet enjoy HF privileges not to get on the air ahead of schedule. There's more information on the ACA Web site <http://www.aca.gov.au/> (Click on "Review of Amateur Service Regulation.")

Ireland, Switzerland, Belgium, the UK, Germany, Norway, the Netherlands, Austria, New Zealand, Luxembourg, Singapore and Papua-New Guinea have already dropped their Amateur Radio Morse testing requirements or have announced an intention to do so.

Radio Amateurs of Canada asked Industry Canada to drop the Morse requirement at the 21st Industry Canada-Radio Amateurs of Canada Amateur Radio Advisory Board meeting October 23 in Ottawa. US amateurs have commented on 14 petitions calling for outright deletion of the Morse requirement or changes in existing requirements. The FCC is not expected to act on the matter until 2004 at the earliest.

ROHN ANNOUNCES ASSET PURCHASE AGREEMENT

Amateur Radio and telecommunications industry tower manufacturer ROHN Industries <http://www.rohnnet.com/> has announced that it's entered into an asset purchase agreement with SPX Corporation <http://www.spx.com/>, a global, multi-industry company. ROHN filed September 16 for Chapter 11 (debtor-in-possession) relief in the US Bankruptcy Court for the Southern District of Indiana. The deal will include ROHN subsidiaries that are party to the bankruptcy proceeding.

"The asset purchase agreement provides for the sale of certain assets of the company and the affected subsidiaries to SPX Corporation for the amount of $5,450,000," ROHN said in a news release.

Through its Broadcast and Communication Systems and Services division, SPX provides analog and digital TV and FM systems, high-frequency and medium-frequency antennas, transmission lines, towers and radio frequency filter systems for the broadcast market. SPX also is a major site developer for the PCS/cellular industry.

The bankruptcy court must approve the ROHN-SPX agreement. ROHN filed an amended motion with the court November 13 seeking the court's approval of the asset sale and authority to sell the assets "after an opportunity is provided for competitive bidding." A hearing to consider proposed bid procedures is scheduled for November 25, and the bidding auction is set for December 8. The bankruptcy court is to consider approval of the asset sale December 9. The company consolidated its manufacturing operations in Frankfort, Indiana, earlier this year.

National Radio Emergency Network to debut

The National Radio Emergency Network (NREN) <http://www.aa8vs.org/nren/> will commence operations December 1. A cooperative effort of several US CW net managers, NREN hopes to provide an alternative public service network geared to low-power, portable and mobile stations. "Because CW provides significantly more reliability for stations operating at low power levels (QRP) or with compromise antennas, this will be a CW-based program," said an announcement from Chuck Mabbott, AA8VS. NREN will work on the "radio watch" principle, and member stations will maintain a watch on one or more of three selected frequencies in the 40, 30, and 20-meter bands. A detailed description of NREN, along standard operating procedures is available on the NREN Web page <http://www.aa8vs.org/nren/>. *(continued on page 15)*

FCC COMMISSIONER'S OFFICE CLARIFIES "BROADBAND NIRVANA" REMARKS

The office of FCC Commissioner Kathleen Q. Abernathy <http://www.fcc.gov/commissioners/abernathy/> has expressed regrets that her remarks in a September speech may have failed to make Abernathy's concerns sufficiently clear about potential interference from Broadband over Power Line (BPL).

"We regret that the Commissioner's remarks may have been interpreted as suggesting an absence of concern over harmful interference," said Abernathy Senior Legal Adviser Matthew A. Brill, responding to complaints from the ARRL and individual amateurs. From a policy perspective, Brill said, Abernathy is "keenly interested" in seeing multiple broadband platforms develop, but that she didn't intend to suggest that BPL "necessarily will emerge as a viable platform or that it does not present interference issues."

In her speech to the United Powerline Council's <http://www.uplc.utc.org/> annual conference September 22, Abernathy expressed unabashed enthusiasm for BPL and suggested it was a step along the pathway to "Broadband Nirvana." Brill noted, however, that near the end of her remarks, Abernathy--referring to the FCC's approach to PCS regulation--said the Commission was "right to adopt strict interference rules to prevent competitors from externalizing their costs. The same principle will apply to BPL."

Brill assured the ARRL that "ensuring that BPL and all new technologies avoid causing harmful interference to licensed RF users is a bedrock position for Commissioner Abernathy." He issued similar responses on Abernathy's behalf to several amateurs who had challenged her stance (see "ARRL Rebukes FCC Commissioner's BPL-Related 'Broadband Nirvana' Remarks" <http://www.arrl.org/news/stories/2003/09/25/100/>).

ARRL Chief Executive Officer David Sumner, K1ZZ, expressed delight at Abernathy's recent clarification. "Commissioner Abernathy's affirmation of this important principle as a 'bedrock position' is most welcome and reassuring news," he said. From the outset of the FCC's BPL Notice of Inquiry in ET Docket No. 03-104 last April, Sumner said, the League's goal has been to hold the FCC to its statement in the NOI that "each of these authorized services in the spectrum [including the Amateur and Amateur-Satellite services] must be protected from harmful interference." "Since that time the presence of harmful interference at BPL test sites has been thoroughly documented," Sumner noted, "confirming that our original concerns were well founded."

More than 5000 comments--many from the Amateur Radio community--have been filed in response to the FCC's BPL NOI and are available for viewing via the FCC's Electronic Comment Filing System (ECFS) <http://www.fcc.gov/cgb/ecfs/>.

FCC MULLS RESPONSES TO COMPLAINTS ALLEGING INTERFERENCE

The FCC is considering the explanation of a Maryland ham in the wake of complaints that he disrupted an Amateur Radio Emergency Service (ARES) net in September during Hurricane Isabel. FCC Special Counsel for Enforcement Riley Hollingsworth wrote Charles E. Cox Sr, WA3AE, on October 16, enclosing complaints alleging deliberate interference to emergency communications conducted on 2 meters by W3AAC at the Anne Arundel County emergency operations center.

"The allegations, if true, raise serious questions about your qualifications to be a Commission licensee and warrant enforcement action," Hollingsworth told Cox. The US Postal Service returned the FCC's certified letter to Cox as undeliverable. Commission personnel eventually tracked him down to a residence in Laurel, Maryland.

In a handwritten note, Cox told the FCC that he was on the air, but he asserted that he was only trying to help and didn't believe he was interfering with the emergency net. "There is a major misunderstanding," Cox wrote, adding that he felt the situation was being blown out of proportion. Cox also said he would change his mailing address with the FCC.

Several complainants--two off-duty FCC employees among them--tell a different story. A station identifying as WA3AE came on the net and uttered "irrelevant comments many times," according to one net control station, who also said that the operator was rude, "seemed intoxicated" and used inappropriate language. Cox told the FCC he has a speech impediment that makes him sound inebriated. The NCS contended that Cox ignored numerous requests to keep the frequency open for emergency communications, but Cox disputes that.

Hollingsworth said the FCC has Cox's response to the complaints under review.

The FCC also is reviewing a response from a California licensee. On October 15, Hollingsworth wrote Angel Carballo, KG6QKR, of Fremont enclosing a complaint alleging interference on 2 meters during a two-hour period. The complainant told the FCC that two repeaters in the south San Francisco Bay area "were being kerchunked." The amateur who complained said he was able to track the source of (continued on page 16)

the interfering signal to an unoccupied vehicle sitting in a corporate parking lot. He said the transceiver appeared to be in cross-band mode, and he was able to spot the transceiver's display blink momentarily each time the repeaters were accessed.

After the complaining amateur approached corporate security and threatened to report the incident to the FCC, security personnel asked him to hold off while they tried to "solve the problem internally." The complainant, whom the FCC did not identify, said security subsequently brought out a man who went to the vehicle and shut down the transceiver. The FCC apparently was able to locate Carballo through the license plate and vehicle description the complainant provided.

In an October 25 reply to the Commission, Carballo told the FCC he believes he "made a mistake" setting up his radios and did not intend to maliciously interfere. He indicated that he had set up his mobile transceiver as a cross-band repeater on VHF and UHF frequencies--one of them 146.94 MHz--and monitored both frequencies from a handheld transceiver in his office.

Carballo said his transceiver is not capable of transmitting on two frequencies within the same band, so he could not explain the interference to the 146.23 machine. He also offered his apologies and asked the FCC to extend them to the complainant as well.

First US QSO above 400 GHz claimed

Microwave enthusiast Brian Justin, WA1ZMS, reports what he believes is the first QSO above 400 GHz in the US. On November 11 at 0215 UTC, WA1ZMS/4 worked Peter Lascell, W4WWQ, on a frequency of 403 GHz over a distance of approximately 1709 feet in Virginia. WA1ZMS set new North American records on 241 and 322 GHz last December, and he reports the pair used the same basic gear that had been put into service for their then-record-making 241-GHz QSO last year (recently beaten), but with new 30-cm parabolic dishes.

****

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thebark@comcast.net

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[ ] NEW MEMBER (ONE APPLICATION PER MEMBER)

[ ] RENEWAL (ONE RENEWAL FORM PER FAMILY OK)

MEMBER CATEGORY: [ ] FULL [ ] SENIOR [ ] ASSOCIATE [ ] FAMILY [ ] LIFE [ ] STUDENT [ ] REINSTATEMENT

Name_____ Call_____ Class_____ Birthday_____

Address_____City/State_____

Zip+4_____Home Phone(_____)_____ Work Phone(_____)_____

e-mail address_____Publish phone number/e-mail in the Club Roster? Yes [ ] No [ ]

Former Call(s)_____

Are you a Volunteer Examiner ? Yes [ ] No [ ] If Yes, which VEC? ARRL [ ] W5YI [ ] Other [ ]

Occupation (or former occupation)_____

Are you a member of: ARRL [ ] ARES/RACES [ ] MARS [ ]

FAMILY MEMBERS NAME, CALL, AND LICENSE CLASS (RENEWALS ONLY)

_____

_____

_____

THE RADIO CLUB PARTICIPATES AND SUPPORTS THE FOLLOWING ACTIVITIES EACH YEAR. PLEASE MARK THE BOX IN FRONT OF THE ACTIVITY OR ACTIVITIES THAT YOU WILL HELP SUPPORT. WE NEED YOUR HELP AND SUPPORT. PLEASE CONSIDER AT LEAST ONE ACTIVITY THAT WE CAN COUNT ON YOU TO SUPPORT. PLEASE CHECK THE FIRST BOX IF YOU ARE EXPERIENCED OR ALREADY INVOLVED. CHECK SECOND BOX IF YOU WOULD LIKE TO LEARN MORE ABOUT THIS).

[ ] [ ] DIGITAL COMMUNICATIONs	[ ] [ ] VE TEAM	[ ] [ ] EMERGENCY COMMUNICATIONS
[ ] [ ] FIELD DAY	[ ] [ ] PUBLIC RELATIONS	[ ] [ ] CLUB NEWSLETTER
[ ] [ ] ANNUAL FLEA MARKET	[ ] [ ] TEACHING CLASSES	[ ] [ ] CONTESTS
[ ] [ ] BOOTH AT THE WWA FAIR	[ ] [ ] ANTIQUE RADIOS	[ ] [ ] VHF/UHF
[ ] [ ] WORKING WITH YOUTH GROUPS	[ ] [ ] DX	[ ] [ ] EXPERIMENTATION

Other hobbies, interests, skills:_____

Club badges are available for $9.00. If you would like a badge, please PRINT the following:

Badge Name_____ Badge Call Sign_____

Applicant's Signature_____ Date_____

ANNUAL MEMBERSHIP DUES: FULL OR ASSOCIATE MEMBER $30
FAMILY MEMBER (AT SAME ADDRESS, FIRST TWO) $15 EACH (ALL ABOVE 2 ARE FREE)
SENIOR MEMBER (65 AND OVER) $25 FULL-TIME STUDENT (UP TO AGE 25) $15
LIFE MEMBERSHIP = 20 TIMES ANNUAL DUES (PAYMENT PLAN AVAILABLE)

Seven dollars ($7.00) of your annual dues is for the Club's monthly newsletter (The Logger's Bark)

FOR RCT USE ONLY

Dues received $_____ Treasurer's initials_____ Date_____

Badge fee rcvd $_____ Treasurer's initials_____ Dat_____

Receipt Number_____ **Radio of Tacoma Membership Number**_____

W7DK November 2003 EVENTS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 OPEN HOUSE 9AM-2PM Pinochle Potluck 7:00 p.m. Clubhouse AARL SWEEPSTAKES CONTEST-CW
2 10 METER NET 28.375 MHZ 8 PM AARL SWEEPSTAKES CONTEST-CW ART LITTLE K7AML	3 GENERAL CLASS COURSE STARTS AARL SWEEPSTAKES CONTEST-CW	4 147.28 NET 7:30 PM	5 BOARD MEETING 7:30 P.M. BOB HONAN W7EG	6	7 BOB FLOYD KA7FHM	8 OPEN HOUSE 9AM-2PM JAPAN INTERNATIONAL DX CONTEST--PHONE
9 10 METER NET 28.375 MHZ 8 PM JAPAN INTERNATIONAL DX CONTEST--PHONE	10 JOHN BITTINGER KI7GW	11 47.28 NET 7:30 PM VE LICENSING TESTING 7:00 P.M. CLUBHOUSE	12 RCT CLUB MEETING	13 CLIFF OSBORNE W7MGF GARY FOREMAN	14	15 OPEN HOUSE 9AM-2PM AARL SWEEPSTAKES CONTEST-SSB
16 10 METER NET 28.375 MHZ 8 PM AARL SWEEPSTAKES CONTEST-SSB RUTH CROUCH N7WGF ELIVOR ILVEDSON KD7SXS	17 BILL MORGAN W7GPR DON PETERSON N7OTV	18 147.28 NET 7:30 PM WILLIE BOURLET N7NXK	19 JOE SCARFO KDYQBQ	20 MARTHA DRIESSNACK KC7VUJ	21 JEFF SMYTHE KBYQAG JEFF FREEDMAN K7JF	22 OPEN HOUSE 9AM-2PM
23 10 METER NET 28.375 MHZ 8 PM	24 PAUL MORGAN N7EPH PAUL GOODWIN KD7UBO MIKE JOHNSON KD7OQC ALAN HUGHES KB7SUV	25 147.28 NET 7:30 PM	26 RTC CLUB MEETING ANDY DANISHER W7RW SHAWN CHURCHILL KD7UBL	27 **Happy Thanksgiving**	28	29 OPEN HOUSE 9AM-2PM CQ WORLDWIDE DX CONTEST-CW JACK DAVIS W7IMW
30 10 METER NET 28.375 MHZ 8 PM CQ WORLDWIDE DX CONTEST-CW	1 (DECEMBER)	2(DECEMBER)	3 (DECEMBER)	4(DECEMBER)	5(DECEMBER)	6(DECEMBER) RTC CHRISTMAS PARTY POTLUCK 6-9 T.A.C.I.D. BUILDING

HAPPY BIRTHDAY CLUB MEMBERS

Radio Club of Tacoma Meeting Minutes

Membership Meeting September 24, 2003

Meeting opened at 1932 by Mick, KK7QS, who led us in the Flag Salute.

Introductions were made around the room.

Illness or Silent Key: Reported Ralph, KB7SWZ.

Correspondence: Newsletters, bank statement, postcard from George, KK7FM, in Iowa, Comcast bill, flyer with sample patch, phonebill, returned letter, and ads.

Treasurer Report: In the Bark.

Announcements: Rich, AE7RW, reported on the Salmon Run from the clubhouse. We got 97,244 points, and the food was great, especially the salmon. Roddney, KD7SXZ, spoke about the survey he handed out. John, AC7LK, spoke more about the contest. Jerry, W7BUN, announced upcoming programs and classes.

Program: Rich, AE7RW. Why life isn't too short for QRP. Special QRP drawing donated by Rich. Mickey, KD7NUV, won a keyer kit, and David, KD7UBI, won a QRP book.

Tuning and Traffic: Rich, AE7RW, reported a total score of 2212 points on the Mt. Rainier VHF QRP party. Club members reported making contacts with QRP stations. Nick, WA7IVO, reported on the Pacific Lutheran University radio club they are trying to get started. Jerry, W7BUN, announced sign ups for the Contest University.

Good of the Order: Jill, K7JIL, spoke of a person who needed to borrow a "Now You're Talking" book. David, KD7UBI, spoke of a web site with info on BPL. Rich, N7ANF, reported that he got his HT fixed. Steve, KD7UBE, volunteered to purchase the NYT book for the person who needed it.

Door Prize: ARRL Handbook, won by Roddney, KD7SXZ. He then went on to win the 50/50 for $46. All of tonight's prizes, QRP and door, were won by people at one table.

44 people signed the attendance roster.

Adjourned at 2105.

Membership Meeting October 8, 2003

Meeting opened at 1930 hours by Mick, KK7QS, who led us in the Flag Salute.

Introductions were made around the room.

Illness or Silent Key: Rich, N7ANF, Mother in Law passed away. Marvin Dart, Call unknown, SK, and Eric Langlow, is not doing well.

Correspondence: Address corrections, phone bill, and ads.

Treasurer's Report: In The Bark.

Nominations Committee: Alan Hughes, KB7SVU, Chair, Gary, WG7X, and Jean, KB7SVX. Nominated: For Vice President, Jill Palmer, K7JIL and Rich Manson, N7ANF. For Secretary, Ed Root, KC7OKS, for three Board positions, Bill, AB7WJ, Gary, WG7X, and Ray, AC7KQ.

Announcements: Jerry, W7BUN, announced upcoming programs, and classes. He then introduced the guest speaker.

Program: Extreme Wireless, presented by Ward Silvers, N0AX.

Further Announcements: Anyone interested in operating upcoming contests from the clubhouse please contact John, AC7LK. Mick, KK7QS, said that we were taking nominations for the "Doc Spike Inspirational Award" Contact John, AC7LK.

Committee Reports: Nick, WA7IVO, reported that the repeater upgrades are progressing. Jill, K7JIL, thanked all who helped with the Hamfest and mentioned the appreciation get together at the Country Buffet. The club thanked Jill and Frank, AC7JY, for all they had done for the Hamfest.

Tuning and Traffic: Jill reported a HF contact with the Kingdom of Tonga while she was mobile.

Hints and Kinks: Nick, WA7IVO, mentioned how to get a RCT Loggers Certificate.

Good of the Order: Frank, AC7JY, mentioned that we need to get the stored towers moved so we can put up our new shelter by the garage. Worth, W7WG, reported on the North Kitsap Hamfest this weekend and requested some help with our display there. Rich, N7ANF, needs someone to work the clubhouse this Saturday.

Drawings; Door Prizes, a repeater directory won by John, AC7LK, and a parts tray won by Nick, WA7IVO. 50/50 for $51.50 won by John, AC7LK.

59 people signed in on the attendance roster.

Adjourned at 2140.

Treasurer's report for September 2003
Treasurer: Chuck Kemmer AC7QN

Income:

Badges	$ 45.00
Books	203.00
Equipment sales (antenna)	50.00
Field day donations	27.44
Membership (dues)	135.00
Total	**$460.44**

Expenses:

Badges	$38.08
Crushed rock (clubhouse)	780.00
Chain, pipe (clubhouse)	113.87
Membership committee	8.90
Postage	.60
Postmaster (permit)	150.00
Puyallup fair (power strip & shipping)	53.62
Quest	234.96
Utilities (clubhouse)	272.11
Total:	**$1652.14**
Net (loss)	$1191.70

AARL RCT VE Team Report by Shirley Murphy N7QHW

October VE testing consisted of one test session and it was an evening that was very busy. As John, AC7WW, stated, the clubhouse was really rocking. Nineteen people tested in the month of October. Out of the 19 people, 12 people achieved a new license and 3 people achieved an upgrade. Overall, there were 23 test elements given. 17 were passing and 6 failure for a percentage rate of 74% passing.
Achievements included 12 Technician Class license, 1 General Class license and 2 Extra Class. Congratulations are extended to Radio Club Member Judd Morris III who upgraded to General Class.

Thanks to John Clarke, AC7WW, who ran the testing session in my absence along with the help of Al Burleson, K7HW. I really appreciate the help.
Congratulations also to the instructors who successfully taught the Tech Class the weekend before testing.
Thanks to the VE Team members who helped make the testing session run so smoothly. It is very much appreciated and couldn't be done without you.

73, Shirley, N7QHW, Radio Club of Tacoma VE Team Liaison

PUSH TO IDENTIFY UNLICENSED 10-METER OPERATORS CONTINUES

A concerted effort begun last spring to monitor for and possibly identify unlicensed operators on 10 meters will continue through October. The FCC already has asked the ARRL Amateur Auxiliary/Official Observers

<http://www.arrl.org/FandES/field/org/oo.html> for assistance. Now, FCC Special Counsel Riley Hollingsworth is inviting hard information on suspected interlopers from all amateurs. Hollingsworth said that in the case of a suspected unlicensed trucker on the highway, amateurs should try to get the license plate number of the tractor--not the trailer--or at least the company name and, if possible, the DOT number.

The FCC does not require direction-finding data but would appreciate, where possible, names and addresses of alleged or suspected operators. Audio recordings of apparently illegal transmissions also can prove helpful.

Individual amateurs with solid information on alleged unlicensed operation on 10 or even 12 meters should report it to the FCC via e-mail <fccham@fcc.gov> <mailto:<fccham@fcc.gov>>;. Official Observers should file their reports through normal ARRL channels.

73 MAGAZINE SAYS "73 AND QRT"

After completing 43 years of publication, 73 Amateur Radio Today magazine is calling it quits. Plans to publish a joint October/November issue fell

through this week, and the September 2003 issue was the magazine's last. According to self-proclaimed "El Supremo and Founder" Wayne S. Green II, W2NSD, it was a simple matter of economics.

"After failing a last minute effort to collect on some larger accounts receivable we decided yesterday to throw in the towel--that the September issue will have to be the last," Green told ARRL October 9. "SK after 43 years of publishing."

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Every Saturday the Clubhouse is open from 10 a.m. to 2 p.m.

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